Ingersoll-Rand plc Form SC 13D/A February 20, 2015

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13D Under the Securities Exchange Act of 1934

(Amendment No. 7)*

INGERSOLL-RAND PLC (Name of Issuer)

Ordinary Shares, \$1.00 par value (Title of Class of Securities)

G47791101 (CUSIP Number)

Brian L. Schorr, Esq. Trian Fund Management, L.P. 280 Park Avenue, 41st Floor New York, New York 10017 Tel. No.:(212) 451-3000 Michelle Cunningham, CFA
California State Teachers' Retirement System
100 Waterfront Place, MS 04
West Sacramento, CA 95605
Tel. No.: (916) 414-7551

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

February 18, 2015 (Date of Event Which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition which is the subject of this Schedule 13D, and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box ".

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Rule 13d-7 for other parties to whom copies are to be sent.

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The Information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act

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but shall be subject to all other provisions of the Act (however, see the Notes).

1	NAME OF REPORTI				
		IFICATION N	O. OF ABOVE PERSON		
2		Nelson Peltz CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP			
3	SEC USE ONLY			(b) [_]	
4	SOURCE OF FUNDS				
7	AF				
5			LEGAL PROCEEDINGS IS REQUIRED PURSUANT	[_]	
6	CITIZENSHIP OR PL	*	ANIZATION		
	United States				
		7	SOLE VOTING POWER		
			0		
		8	SHARED VOTING POWER		
	NUMBER OF SHARES 12,279,858				
	BENEFICIALLY OWNED BY	0	GOLE DISPOSITIVE DOWNER		
	EACH REPORTING PERSON	9	SOLE DISPOSITIVE POWER		
	WITH	10	0 SHARED DISPOSITIVE POWER		
		10	12,279,858		
11	AGGREGATE AMOU	UNT BENEFIC	IALLY OWNED BY EACH REPORTING PERSON		
	12,279,858				
12	CHECK BOX IF THE SHARES	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN [x]			
13		S REPRESENT	ED BY AMOUNT IN ROW (11)		
13	4.66%*				
14	TYPE OF REPORTIN	IG PERSON			
-	IN				
*~	sloulated based on 262 221 574 a	rdinory chorac	outstanding as of Fohrwary 2, 2015, as reported in the Issuer		

^{*}Calculated based on 263,321,574 ordinary shares outstanding as of February 2, 2015, as reported in the Issuer's Annual Report on Form 10-K for the fiscal year ended December 31, 2014 (the "Form 10-K").

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1	1 NAME OF REPORTING PERSON			
	S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON			
	Peter W. May			
2	•	PRIATE BOX I	F A MEMBER OF A GROUP	(a) []
				(b) [_]
3	SEC USE ONLY			(/ [
4	SOURCE OF FUNDS			
	AF			
5	CHECK BOX IF DISC	CLOSURE OF L	EGAL PROCEEDINGS IS REQUIRED PURSUANT	[_]
	TO ITEMS 2(d) or 2(e)		1_3
6	CITIZENSHIP OR PL	*	NIZATION	
	United States			
		7	SOLE VOTING POWER	
			0	
		8	SHARED VOTING POWER	
NUM	MBER OF SHARES		12,279,858	
BENEFI	CIALLY OWNED BY			
EACH R	REPORTING PERSON	9	SOLE DISPOSITIVE POWER	
	WITH		0	
		10	SHARED DISPOSITIVE POWER	
			12,279,858	
11	AGGREGATE AMOU	JNT BENEFICI	ALLY OWNED BY EACH REPORTING PERSON	
	12,279,858			
12	CHECK BOX IF THE	AGGREGATE	AMOUNT IN ROW (11) EXCLUDES CERTAIN	[x]
	SHARES			
13	PERCENT OF CLASS	REPRESENTE	ED BY AMOUNT IN ROW (11)	
	4.66%*			
14	TYPE OF REPORTIN	G PERSON		
	IN			

^{*} Calculated based on 263,321,574 ordinary shares outstanding as of February 2, 2015 as reported in the Form 10-K.

1	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON Edward P. Garden				
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP				
3 4	SEC USE ONLY SOURCE OF FUNDS AF				
56	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) CITIZENSHIP OR PLACE OF ORGANIZATION United States				
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		78910	SOLE VOTING POWER 0 SHARED VOTING POWER 12,279,858 SOLE DISPOSITIVE POWER 0 SHARED DISPOSITIVE POWER 12,279,858		
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 12,279,858				
12	CHECK BOX IF THE SHARES	AGGREGATE AMOU	NT IN ROW (11) EXCLUDES CERTAIN	[x]	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 4.66%*				
14	TYPE OF REPORTING PERSON IN				

^{*} Calculated based on 263,321,574 ordinary shares outstanding as of February 2, 2015 as reported in the Form 10-K.

1	NAME OF REPORTING PERSON Trian Fund Management, L.P. S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON 20-3454182				
2					
3	SEC USE ONLY				
4	SOURCE OF FUNDS AF				
5	CHECK BOX IF DISC TO ITEMS 2(d) or 2(e		PROCEEDINGS IS REQUIRED PURSUANT	[_]	
6		ACE OF ORGANIZAT	TION		
Delaware NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		78910	SOLE VOTING POWER 0 SHARED VOTING POWER 12,279,858 SOLE DISPOSITIVE POWER 0 SHARED DISPOSITIVE POWER 12,279,858		
11	AGGREGATE AMOU 12,279,858	JNT BENEFICIALLY	OWNED BY EACH REPORTING PERSON		
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN [x] SHARES				
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 4.66%*				
14	TYPE OF REPORTING PERSON PN				

^{*} Calculated based on 263,321,574 ordinary shares outstanding as of February 2, 2015 as reported in the Form 10-K.

1	NAME OF REPORTING PERSON Trian Fund Management GP, LLC S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON 20-3454087				
2	CHECK THE APPRO	PRIATE BOX IF A ME	MBER OF A GROUP	(a) [] (b) [_]	
3	SEC USE ONLY			. ,	
4	SOURCE OF FUNDS				
	AF				
5			PROCEEDINGS IS REQUIRED PURSUANT	[_]	
	TO ITEMS 2(d) or 2(e		TOM.		
6	Delaware	ACE OF ORGANIZAT	ION		
	Delaware	7	SOLE VOTING POWER		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		8	SHARED VOTING POWER 12,279,858		
		9	SOLE DISPOSITIVE POWER 0		
		10	SHARED DISPOSITIVE POWER 12,279,858		
11	AGGREGATE AMOU 12,279,858	JNT BENEFICIALLY (OWNED BY EACH REPORTING PERSON		
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES			[x]	
13					
14	TYPE OF REPORTING PERSON OO				

^{*} Calculated based on 263,321,574 ordinary shares outstanding as of February 2, 2015 as reported in the Form 10-K.

1	NAME OF REPORTING PERSON Trian Partners Master Fund (ERISA), L.P. S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON			
2	98-0682467 CHECK THE APPROL	PRIATE BOX IF A MEI	MBER OF A GROUP	(a) []
2	CHECK THE THIRD	I KITTE BOX II TA WIE	MBER OF A GROOT	(b) [_]
3	SEC USE ONLY			() [=]
4	SOURCE OF FUNDS			
	WC			
5	CHECK BOX IF DISC	CLOSURE OF LEGAL F	PROCEEDINGS IS REQUIRED PURSUANT	[_]
	TO ITEMS 2(d) or 2(e))		
6	CITIZENSHIP OR PL	ACE OF ORGANIZATI	ON	
	Cayman Islands			
		7	SOLE VOTING POWER	
			0	
	BER OF SHARES	8	SHARED VOTING POWER	
	CIALLY OWNED BY		112,186#	
EACH R	EPORTING PERSON	9	SOLE DISPOSITIVE POWER	
	WITH	10		
		10	SHARED DISPOSITIVE POWER	
1.1	A CODEC ATE AMOU		112,186#	
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 112,186#			
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN [X] SHARES			
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)			
13	0.04%*	KEI KESENTED DI A	awoon nakow (11)	
14	TYPE OF REPORTIN	G PERSON		
	PN	O I ZIOOI I		

^{*} Calculated based on 263,321,574 ordinary shares outstanding as of February 2, 2015 as reported in the Form 10-K.

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[#] All 112,186 shares have been contributed to Trian IR Holdco Ltd., pursuant to a Contribution Agreement dated June 15, 2012, as described in Item 5 herein.

1	NAME OF REPORTII	NG PERSON				
	Trian Partners, L.P.					
	S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON					
	20-3453988					
2	CHECK THE APPRO	PRIATE BOX IF A ME	MBER OF A GROUP	(a) []		
				(b) [_]		
3	SEC USE ONLY					
4	SOURCE OF FUNDS					
	WC					
5	CHECK BOX IF DISC	CLOSURE OF LEGAL	PROCEEDINGS IS REQUIRED PURSUANT	[_]		
	TO ITEMS 2(d) or 2(e					
6	CITIZENSHIP OR PL	ACE OF ORGANIZAT	ION			
	Delaware					
		7	SOLE VOTING POWER			
			0			
NUMBER OF SHARES 8		8	SHARED VOTING POWER			
BENEFICIALLY OWNED BY			1,574,890#			
EACH R	EPORTING PERSON	9	SOLE DISPOSITIVE POWER			
	WITH		0			
		10	SHARED DISPOSITIVE POWER			
			1,574,890#			
11	AGGREGATE AMOU	JNT BENEFICIALLY (OWNED BY EACH REPORTING PERSON			
	1,574,890#					
12	CHECK BOX IF THE	AGGREGATE AMOU	NT IN ROW (11) EXCLUDES CERTAIN	[X]		
	SHARES		. ,			
13	PERCENT OF CLASS	S REPRESENTED BY A	AMOUNT IN ROW (11)			
	0.60%*		,			
14	TYPE OF REPORTIN	G PERSON				
	PN					

^{*} Calculated based on 263,321,574 ordinary shares outstanding as of February 2, 2015 as reported in the Issuer's Form 10-K.

^{# 1,337,587} of these shares have been contributed to Trian IR Holdco Ltd., pursuant to a Contribution Agreement dated June 15, 2012, as described in Item 5 herein.

1	NAME OF REPORTING PERSON Trian Partners Master Fund, L.P. S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON					
	98-0468601					
2		PRIATE BOX IF A ME	MBER OF A GROUP	(a) []		
				(b) [_]		
3	SEC USE ONLY					
4	SOURCE OF FUNDS					
	WC					
5	CHECK BOX IF DISC	CLOSURE OF LEGAL I	PROCEEDINGS IS REQUIRED PURSUANT	[_]		
	TO ITEMS 2(d) or 2(e))				
6	CITIZENSHIP OR PL	ACE OF ORGANIZAT	ION			
	Cayman Islands					
		7	SOLE VOTING POWER			
			0			
	BER OF SHARES	8	SHARED VOTING POWER			
	CIALLY OWNED BY		3,534,038#			
EACH R	EPORTING PERSON	9	SOLE DISPOSITIVE POWER			
	WITH		0			
		10	SHARED DISPOSITIVE POWER			
			3,534,038#			
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 3,534,038#					
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN [X] SHARES					
13	PERCENT OF CLASS	REPRESENTED BY A	AMOUNT IN ROW (11)			
	1.34%*					
14	TYPE OF REPORTIN	G PERSON				
	PN					

^{*} Calculated based on 263,321,574 ordinary shares outstanding as of February 2, 2015 as reported in the Form 10-K.

^{# 299,903} of these shares have been contributed to Trian IR Holdco Ltd., pursuant to a Contribution Agreement dated June 15, 2012, as described in Item 5 herein.

NAME OF REPORTING PERSON
 Trian Partners Parallel Fund I, L.P.
 S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON
 20-3694154