

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y	EP 0 554 983 A1 (WESTINGHOUSE BRAKE & SIGNAL [GB]) 11 August 1993 (1993-08-11) * column 2, line 26 - line 41 * * columns 3-5 * * figures 1,4,6,8 *	1-8	INV. B61L3/00 B61L27/00
Y	WO 2013/030074 A1 (SIEMENS AG [DE]; EGLER LARS [DE]; GOTTSCHALK MICHAEL [DE]; HINZE BERND) 7 March 2013 (2013-03-07) * abstract; figures 1, 4 * * column 1, line 1 - column 4, line 33 * * column 7, line 25 - column 9, line 23 * * column 12, lines 5-36 *	1-8	
Y	US 2012/197466 A1 (YOSHIMOTO KOKI [JP] ET AL) 2 August 2012 (2012-08-02) * abstract * * paragraphs [0014], [0015]; figure 1 * * paragraph [0041] * * paragraph [0069]; figure 9 *	3,4	
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The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search Munich		Date of completion of the search 29 June 2017	Examiner Robinson, Victoria
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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