



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 89 02 47

Classification of the application (IPC):

E05D 13/00, E06B 9/56, E06B 9/60, E06B 9/80, E06B 9/62, E05D 15/38

Technical fields searched (IPC):

E05D

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X A	US 8616093 B1 (MANIAK DAVID [US]) 31 December 2013 (2013-12-31) * column 3, line 27 - column 7, line 48; figures 1-26 *	1-9, 11-15 10
X	CA 2845820 A1 (HALDEX BRAKE PRODUCTS CORP [US]) 14 September 2014 (2014-09-14) * paragraph [0019] - paragraph [0032]; figures 1-6 *	1-9, 11-15
X	WO 2012071347 A2 (WABASH NATIONAL LP [US]; EHRLICH RODNEY P [US]) 31 May 2012 (2012-05-31) * page 8, line 2 - page 14, line 17; figures 1-4 *	1-9, 11-15
X	WO 2005083220 A2 (WAYNE DALTON CORP; MULLET WILLIS J [US]; GREEN KELLY RAY [US]) 09 September 2005 (2005-09-09) * paragraph [0065] - paragraph [00125]; figures 1-15 *	1-9, 11-15

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 The Hague	Date of completion of the search 04 October 2024	Examiner Viethen, Lorenz
------------------------------	---	-----------------------------

CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
& : member of the same patent family, corresponding document	L: document cited for other reasons

Disclaimer: this document has been automatically generated using data structured in accordance with WIPO standard ST.36 from the database of search reports of the European Patent Office. For technical reasons, its content and layout may differ from that of the original publication. Only the original published information is legally binding.



ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 89 02 47

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 04-10-2024
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 8616093	B1	31-12-2013	NONE	
CA 2845820	A1	14-09-2014	CA 2845820 A1	14-09-2014
			US 2014265082 A1	18-09-2014
WO 2012071347	A2	31-05-2012	CA 2818655 A1	31-05-2012
			MX 339726 B	07-06-2016
			US 2012125545 A1	24-05-2012
			US 2016168895 A1	16-06-2016
			WO 2012071347 A2	31-05-2012
WO 2005083220	A2	09-09-2005	AU 2005217452 A1	09-09-2005
			CA 2556800 A1	09-09-2005
			CN 1926303 A	07-03-2007
			EP 1718837 A2	08-11-2006
			US 2005189080 A1	01-09-2005
			US 2009014131 A1	15-01-2009
			WO 2005083220 A2	09-09-2005