



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 77 85 53

Classification of the application (IPC):

F21V 33/00, F21S 8/02, F21V 17/16, H04R 1/02, F21V 25/12, F21V 29/77

Technical fields searched (IPC):

F21V, F21S, H04S, H04R

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	CN 204420723 U (ZHONGSHAN YILONG HARDWARE INDUSTRY CO LTD) 24 June 2015 (2015-06-24) * paragraph [0015] - paragraph [0020] * * figures 1-3 *	1, 4-7, 9-16
X	WO 2010071102 A1 (TOA CORP [JP]; MORITA TAKESHI [JP]; HATA KAZUO [JP]) 24 June 2010 (2010-06-24) * paragraph [0025] - paragraph [0033] * * figures 2,3 *	1, 4, 5, 9-16
X	KR 100945849 B1 (GB C & C INC [KR]) 05 March 2010 (2010-03-05) * paragraph [0015] - paragraph [0036] *	1, 4, 9-16
A	CN 204145688 U (XUNWU COUNTY AIXINTAI ELECTRONIC TRADING CO LTD) 04 February 2015 (2015-02-04) * the whole document *	1-18

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 08 January 2020	Examiner Demirel, Mehmet
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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

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ANNEX TO SUPPLEMENTARY 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. The members are as contained in the European Patent Office EDP file on 08-01-2020
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
CN 204420723	U	24-06-2015	NONE	
WO2010071102	A1	24-06-2010	JP 5450447 B2	26-03-2014
			JP WO2010071102 A1	31-05-2012
			WO 2010071102 A1	24-06-2010
KR 100945849	B1	05-03-2010	NONE	
CN 204145688	U	04-02-2015	NONE	