



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 18 84 73 80

Classification of the application (IPC):
A45C 11/00, A45F 3/02, A63B 55/10, A63B 55/00

Technical fields searched (IPC):
A63B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 6386362 B1 (CHENG TE PIN [TW]) 14 May 2002 (2002-05-14) * the whole document *	1-4, 6, 9, 13-15, 17, 20
Y		5, 7, 8, 10-12, 16, 18, 19
Y	US 2017157476 A1 (MARTELL JAMES [US] ET AL) 08 June 2017 (2017-06-08) * paragraph [0084] - paragraph [0094] * * paragraph [0114] - paragraph [0123] * * paragraph [0133] - paragraph [0135] * * paragraph [0157] - paragraph [0159] *	1-20
Y	US 4834235 A (SOLHEIM JOHN A [US] ET AL) 30 May 1989 (1989-05-30) * the whole document *	1-20

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 09 April 2021	Examiner Salvatore, Claudio
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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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