



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 15 89 77 76

Classification of the application (IPC):
A63B 21/00, A63B 21/06, A63B 21/062, A63B 23/00, A63B 23/035

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 5725459 A (REXACH MARCO L [PR]) 10 March 1998 (1998-03-10) * column 4, line 46 - column 6, line 42; figures *	1-6
X	US 4974838 A (SOLLENBERGER CARL E [US]) 04 December 1990 (1990-12-04) * column 6, line 65 - column 7, line 31; figures *	1-6
X	US 4856773 A (DEOLA JAMES A [US]) 15 August 1989 (1989-08-15) * column 13, lines 63-65 * * column 18, line 51 - column 19, line 15; figures *	1-6
X	EP 0194220 A1 (ARES SA [FR]) 10 September 1986 (1986-09-10) * the whole document *	1-6

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 25 January 2019	Examiner Squeri, Michele
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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 25-01-2019
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date	
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			EP	0956106 A1	17-11-1999
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US 4856773	A	15-08-1989	NONE		
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			FR	2578431 A1	12-09-1986