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SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 85 50 60

Classification of the application (IPC):
B63H 11/02, B64C 11/00, B64C 27/20, B64C 29/00

Technical fields searched (IPC):
B63H, B64C

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2972455 A (GEORGE BORCHERS ARIEL) 21 February 1961 (1961-02-21) * column 2, line 7 - column 3, line 10; figures *	1, 2, 5, 10, 11, 13
X	CA 926225 A (SILVESTER R [AU]) 15 May 1973 (1973-05-15) * figures *	1, 2, 8, 10, 11
X	US 4843814 A (VON INGELHEIM PETER G [DE]) 04 July 1989 (1989-07-04) * figures *	1, 2, 10, 11
X	US 9850877 B2 (MCBRIDE GEORGE F [US]) 26 December 2017 (2017-12-26) * figures *	1, 2, 10, 11
X	US 4796836 A (BUHELDT BENNO [AT]) 10 January 1989 (1989-01-10) * figures *	1, 2, 4, 5, 10-13
X	US 5035377 A (BUHELDT BENNO E [AT]) 30 July 1991 (1991-07-30) * figures *	1, 2, 4, 5, 10-13
X	US 2012187236 A1 (BURNHAM J KELLOGG [US]) 26 July 2012 (2012-07-26) * figures *	1, 2, 10, 11
X	US 8998126 B2 (ALVARADO VALVERDE JUAN A [US] ET AL.) 07 April 2015 (2015-04-07) * figures *	1, 2, 5, 10, 11, 13
X	US 2990137 A (WILLIS WILLIAM M) 27 June 1961 (1961-06-27) * figures *	1, 2, 5, 7, 10, 11, 13, 14

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 20 July 2023	Examiner Salentiny, Gérard
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CATEGORY OF CITED DOCUMENTS

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Application number:
EP 20 85 50 60

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 3785592 A (KERRUISH K) 15 January 1974 (1974-01-15) * figures *	1, 2, 10, 11
X	US 2008464 A (HIROHISA NISHI) 16 July 1935 (1935-07-16) * figures *	1, 2, 5, 6, 10, 11, 13
X	FR 586375 A (HIROHISA NISHI ET AL.) 25 March 1925 (1925-03-25) * figures *	1, 2, 5, 10, 11, 13
X	US 2010166554 A1 (DIERKSMEIER DOUGLAS DAVID [US]) 01 July 2010 (2010-07-01) * figures *	1-3, 10, 11, 15
X	US 5407373 A (ALLENSTROEM BJOERN [SE]) 18 April 1995 (1995-04-18) * figures *	1, 2, 9-11

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 20 July 2023	Examiner Salentiny, Gérard
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X: particularly relevant if taken alone	P: intermediate document
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A: technological background	E: earlier patent document, but published on, or after the filing date
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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 85 50 60

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 20-07-2023
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