



(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
11.12.2002 Bulletin 2002/50

(51) Int Cl.⁷: **B63B 19/16**, B63B 19/24,
B63B 19/14

(43) Date of publication A2:
21.11.2001 Bulletin 2001/47

(21) Application number: **01870098.9**

(22) Date of filing: **10.05.2001**

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE TR
 Designated Extension States:
AL LT LV MK RO SI

(72) Inventor: **Baeck, Arthur Gerard M.**
B-2490 Balen (BE)

(74) Representative: **Van Reet, Joseph et al**
Gevers & Vander Haeghen,
Hollidaystraat 5
1831 Diegem (BE)

(30) Priority: 18.05.2000 BE 200000334

(71) Applicant: **Baeck, Arthur Gerard M.**
B-2490 Balen (BE)

(54) **Hatch cover**

(57) Nestable hatch cover (1), in particular of the "Frisian cap" type, for covering a hatchway giving access to a vessel's hold (3), which hatchway is bounded by two hatch beams (4) situated opposite each other. The hatch cover (1) has two end parts (12) situated opposite each other, each provided underneath with a bearing surface which is designed to rest upon said hatch beams (4), and each forming an outermost end of the hatch cover. In order to keep the clear width of the gangways of the vessel as great as possible or to be

able to make the hatchway as wide as possible, in particular so wide that the maximum number of containers can be stacked in the hold (3), the bearing surfaces below the end parts (12) are bounded on their outside by at least one projection (27) projecting below said bearing surfaces, which projection in each case is situated substantially at one of the abovementioned outermost ends of the hatch cover (1). Compared with the known hatch covers, this hatch cover therefore projects less far beyond the hatch beams.

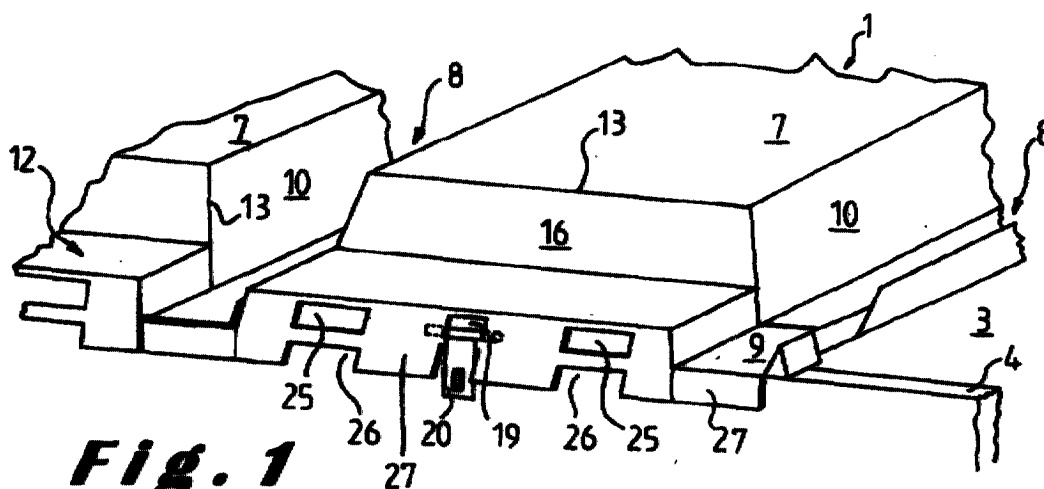


Fig. 1



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 01 87 0098

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X,D	EP 0 689 989 A (BAECK ARTHUR GERARD) 3 January 1996 (1996-01-03)	1-3	B63B19/16
Y	* page 5, line 17 - page 6, line 2 * * page 9, line 2 - line 9 * * page 10, line 25 - page 11, line 21 * * figures 3,5,6 *	4-10	B63B19/24 B63B19/14

X	US 2 061 337 A (TAYLOR JOHN L) 17 November 1936 (1936-11-17)	1,2	
Y	* column 2, line 10 - column 4, line 18 * * figures 1,3,5,8,11 *	4,6-10	

Y,D	BE 680 230 A (C.O.WANKEL) 3 October 1966 (1966-10-03)	5	
A	* page 5, line 17 - page 6, line 2 * * page 9, line 2 - line 9 * * page 10, line 25 - page 11, line 21 * * figures 3,5,6 *	6,10-18	

A,D	EP 0 153 770 A (BLOMMAERT PV) 4 September 1985 (1985-09-04) * the whole document *	1-3,5,6, 9-19	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
	---		B63B
A	US 3 587 476 A (INGRAM ORVILLE) 28 June 1971 (1971-06-28) * column 2, line 11 - column 3, line 23; figures 1,3 *	1-6, 10-15,19	

A	DE 813 350 C (JAKOB GRAFF DUISBURG MEIDERICH) 10 September 1951 (1951-09-10) * figures 1,2 *	6	

The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 23 October 2002	Examiner Mauriès, L
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

EPO FORM 1503 03/82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 87 0098

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
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

23-10-2002

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0689989	A	03-01-1996	BE 1007947 A3 DE 69500079 D1 DE 69500079 T2 EP 0689989 A1	21-11-1995 05-12-1996 10-04-1997 03-01-1996
US 2061337	A	17-11-1936	NONE	
BE 680230	A	03-10-1966	NL 6605780 A	31-10-1966
EP 0153770	A	04-09-1985	BE 899006 A2 DE 3579175 D1 EP 0153770 A2	18-06-1984 20-09-1990 04-09-1985
US 3587476	A	28-06-1971	NONE	
DE 813350	C	10-09-1951	NONE	

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82