

Title (en)

COLLISION-RESISTANT DOUBLE-SKIN STRUCTURE

Title (de)

KOLLISIONSBESTÄNDIGE, DOPPELWANDIGE STRUKTUR

Title (fr)

STRUCTURE A DOUBLE REVETEMENT RESISTANT AUX CHOCS

Publication

**EP 1137571 B1 20050105 (EN)**

Application

**EP 99962559 A 19991210**

Priority

- NL 9900757 W 19991210
- NL 1010794 A 19981211

Abstract (en)

[origin: WO0035746A1] An impact-resistant double-skinned structure, such as a double-skinned ship's side, comprises an outer skin (1) and an inner skin (2). A series of channels (3) made of a ductile material and positioned alongside or above one another are attached by the tips of their side walls (4, 5) to the inner surface of the outer skin (1) of the structure. The base (6) of each channel is connected at least by a stringer (7), essentially perpendicular to said base, to the inner skin (1) of the structure or a construction attached thereto.

IPC 1-7

**B63B 43/18; B63B 3/20; B63B 3/62; E04C 2/34**

IPC 8 full level

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CPC (source: EP KR)

**B63B 3/20** (2013.01 - EP); **B63B 3/62** (2013.01 - EP); **B63B 43/18** (2013.01 - EP KR); **E04C 2/3405** (2013.01 - EP);  
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**WO 0035746 A1 20000622**; AT E286473 T1 20050115; AU 1896800 A 20000703; AU 756330 B2 20030109; BG 105586 A 20020228;  
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DE 69923083 D1 20050210; DE 69923083 T2 20051215; DK 1137571 T3 20050314; DK 1137571 T5 20050815; EE 04363 B1 20041015;  
EE 200100311 A 20020815; EP 1137571 A1 20011004; EP 1137571 B1 20050105; ES 2237191 T3 20050716; HK 1040676 A1 20020621;  
HK 1040676 B 20050429; JP 2002532326 A 20021002; JP 4456277 B2 20100428; KR 20010101175 A 20011114; NL 1010794 C2 20000619;  
NO 20012884 D0 20010611; NO 20012884 L 20010807; NO 316433 B1 20040126; PL 191039 B1 20060331; PL 348258 A1 20020520;  
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CN 99815571 A 19991210; DE 69923083 T 19991210; DK 99962559 T 19991210; EE P200100311 A 19991210; EP 99962559 A 19991210;  
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NO 20012884 A 20010611; PL 34825899 A 19991210; PT 99962559 T 19991210; RU 2001119174 A 19991210; TR 200102224 T 19991210;  
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