

Title (en)  
DISENGAGEABLE HINGES FOR FOLDABLE HATCH COVERS ON SHIPS

Publication  
**EP 0154266 B1 19890531 (DE)**

Application  
**EP 85101970 A 19850222**

Priority  
DE 3408663 A 19840309

Abstract (en)  
[origin: EP0154266A2] 1. A releasable hinge arrangement on a foldable hatch covering aboard ship, of which any two hatch covers (1, 2) involved may from a closed state lying side by side be moved relative to one another through 180 degrees into an upright parallel open position and have hinge eyes (4, 5) associated with one another, which in the operational state receive in openings aligned with one another a hingepin (6) which for release may be brought out of engagement with the hinge eye on the one hatch cover, characterized in that the hinge eye (4) on the one hatch cover (1) is made U-shaped and in the closed state of the hatch covers (1, 2) allows the escape of the hingepin (6) held in the hinge eye (5) of the other hatch cover (2), and that on the hinge eye (5) of the other hatch cover (2) a locking cam (7) is arranged concentric with the hingepin (6) in the form of an annular segment which in any state of the hatch covers (1, 2) between folded at all and folded together engages behind an axial thickening (4a) with a circular outer contour on the hinge eye (4) on the one hatch cover (1) and prevents the escape of the hingepin (6).

IPC 1-7  
**B63B 19/19; E05D 7/10**

IPC 8 full level  
**B63B 19/19** (2006.01); **E05D 7/10** (2006.01)

CPC (source: EP)  
**B63B 19/19** (2013.01); **E05D 7/1066** (2013.01); **E05Y 2900/514** (2013.01)

Cited by  
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**EP 0154266 A2 19850911; EP 0154266 A3 19861230; EP 0154266 B1 19890531**; AT E43546 T1 19890615; DD 232468 A1 19860129; DE 3408663 C1 19850711; DE 3570632 D1 19890706; DK 166835 B 19930719; DK 166835 C 19931206; DK 94485 A 19850910; DK 94485 D0 19850228; ES 295660 U 19871116; ES 295660 Y 19880516; FI 75645 B 19880331; FI 75645 C 19880711; FI 850896 A0 19850306; FI 850896 L 19850910; PL 146368 B1 19890131; PL 252302 A1 19851119; YU 37585 A 19880430

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