

Title (en)  
ICE BREAKING VESSEL

Title (de)  
EISBRECHER

Title (fr)  
VAISSEAU BRISE-GLACE

Publication  
**EP 3368405 B1 20210317 (EN)**

Application  
**EP 16859132 A 20161028**

Priority  
• FI 20150306 A 20151028  
• FI 2016000028 W 20161028

Abstract (en)  
[origin: WO2017072394A1] An icebreaking vessel (10) with icebreaking reamers (23a, 23b) at each side and, in connection with the reamers, propellers (24a, 24b) for the propulsion of the vessel. The icebreaking vessel can be formed by attaching a detachable icebreaking bow section (31 ) equipped with reamers and propellers in connection with them to any such ship (30) which is not an actual icebreaker and which has corresponding joint members for attaching the detachable bow section to the ship.

IPC 8 full level  
**B63B 35/08** (2006.01); **B63B 1/06** (2006.01); **B63B 35/70** (2006.01); **B63H 5/125** (2006.01); **B63H 25/42** (2006.01)

CPC (source: EP FI US)  
**B63B 1/06** (2013.01 - FI); **B63B 1/16** (2013.01 - FI); **B63B 35/08** (2013.01 - EP US); **B63B 35/083** (2013.01 - EP FI US); **B63B 35/70** (2013.01 - EP US); **B63H 5/08** (2013.01 - EP US); **B63B 2021/563** (2013.01 - EP US); **B63B 2211/06** (2013.01 - EP US); **B63H 5/07** (2013.01 - US)

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**WO 2017072394 A1 20170504**; CA 3003344 A1 20170504; EP 3368405 A1 20180905; EP 3368405 A4 20190612; EP 3368405 B1 20210317; FI 128428 B 20200515; FI 20150306 A 20170429; US 2018312228 A1 20181101

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