

Title (en)
Hydrofoil craft

Title (de)
Tragfluegelboot

Title (fr)
Véhicule à hydrofoil

Publication
EP 2353991 A3 20140820 (FR)

Application
EP 11152401 A 20110127

Priority
FR 1050846 A 20100205

Abstract (en)
[origin: EP2353991A2] The vehicle has an effort limiter (8) permitting displacement of a movable hydrofoil (6) towards a withdrawn position when effort (F1) greater than a predetermined limit is subjected by the hydrofoil, while biasing the hydrofoil towards a nominal position with force that is equal to the predetermined limit and less than two times the limit. The hydrofoil applies effort that is greater than average supporting effort required for supporting the structure, to a bearing structure (2) when the vehicle is displaced on water, where the predetermined limit is greater than the supporting effort.

IPC 8 full level
B63B 1/24 (2006.01); **B63B 1/28** (2006.01); **B63B 1/30** (2006.01)

CPC (source: EP US)
B63B 1/242 (2013.01 - EP US); **B63B 1/244** (2013.01 - EP US); **B63B 1/30** (2013.01 - EP US)

Citation (search report)

- [YD] FR 2652056 A1 19910322 - HAVRE CHANTIERS [FR]
- [Y] US 5653189 A 19970805 - PAYNE PETER R [US]
- [A] US 5673641 A 19971007 - Sournat Andre [FR], et al
- [A] US 5474011 A 19951212 - STEINBERG AMIRAM [IL]

Cited by
WO2014129915A1; WO2016123639A3

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2353991 A2 20110810; EP 2353991 A3 20140820; FR 2956088 A1 20110812; FR 2956088 B1 20120608

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EP 11152401 A 20110127; FR 1050846 A 20100205