

Title (en)
PLANING HYDROFOILS FOR MARINE CRAFT

Title (de)
GLEITFLÄCHE FÜR WASSERFAHRZEUGE

Title (fr)
HYDROLPANES POUR DES EMBARCATIONS

Publication
EP 2914481 A1 20150909 (EN)

Application
EP 13789752 A 20131104

Priority
• GB 201219778 A 20121102
• EP 2013072947 W 20131104

Abstract (en)
[origin: WO2014068115A1] A hydrofoil (20) for mounting to a high speed surface vessel arranged for planing operation at least at higher craft speeds and in which the trailing edge (202) remain substantially fully wetted at all craft speeds when operating under calm conditions.

IPC 8 full level
B63B 1/18 (2006.01); **B63B 1/24** (2006.01)

CPC (source: EP GB US)
B60V 1/08 (2013.01 - EP US); **B60V 1/22** (2013.01 - EP US); **B60V 3/065** (2013.01 - EP US); **B63B 1/18** (2013.01 - EP GB US); **B63B 1/248** (2013.01 - EP GB US); **B63B 71/10** (2020.01 - US)

Citation (search report)
See references of WO 2014068115A1

Citation (examination)
• EP 0051073 A1 19820512 - ABEKING & RASMUSSEN SCHIFFS UN [DE]
• ERIC BESNARD ET AL: "Hydrofoil design and optimization for fast ships", PROCEEDINGS OF THE 1998 ASME INTERNATIONAL CONGRESS AND EXHIBITION, ANAHEIM, CA, NOV, 1998, 1 November 1998 (1998-11-01), pages 1 - 11, XP055400216

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)
WO 2014068115 A1 20140508; AU 2013340742 A1 20150618; AU 2013340742 B2 20180301; AU 2013340742 C1 20180621; EP 2914481 A1 20150909; GB 201219778 D0 20121219; GB 2518341 A 20150325; US 2015291257 A1 20151015

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