

Title (en)
Water vehicle

Title (de)
Wasserfahrzeug

Title (fr)
Véhicule marin

Publication
EP 2266872 A1 20101229 (DE)

Application
EP 10005199 A 20100518

Priority
DE 102009030125 A 20090624

Abstract (en)
The watercraft has a body shell, where a part of the body shell is formed from a composite material i.e. plastic, that is reinforced with fibers (17) i.e. carbon fibers. The fibers are formed as electric heating elements, and are formed for feeding with direct current (DC). The fibers of an outer side (18) of the shell are arranged closer than an inner side of the shell. A protective layer (40) is provided between the outer side of the shell and the fibers that are arranged in a deck area of the shell.

Abstract (de)
Bei dem Wasserfahrzeug ist mindestens ein Teil der Außenhaut (15) aus einem faserverstärkten Verbundstoff gebildet und zumindest eine Faser (17) als elektrisches Heizelement ausgebildet oder bildet einen Teil eines solchen.

IPC 8 full level
B63B 35/08 (2006.01); **B63G 8/00** (2006.01); **B63G 8/04** (2006.01)

CPC (source: EP)
B63B 35/08 (2013.01); **B63G 8/00** (2013.01); **B63G 8/04** (2013.01); **B63B 2211/06** (2013.01)

Citation (search report)
• [A] US 4102144 A 19780725 - ANDERS EDWARD O
• [A] US 4152999 A 19790508 - OSHIMA MASANAO, et al
• [A] FR 2623220 A1 19890519 - DORIS ENGINEERING [FR]
• [A] US 5593332 A 19970114 - GREEN JEFFRY H [US]

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WO2021169680A1

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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2266872 A1 20101229; **EP 2266872 B1 20111012**; AT E528205 T1 20111015; DE 102009030125 A1 20110210; ES 2372916 T3 20120127; KR 101304260 B1 20130905; KR 20120065460 A 20120621

DOCDB simple family (application)
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