

Title (en)

SHAFT MADE OF FIBRE COMPOSITE MATERIAL WITH FIREPROOF BULKHEAD FEEDTHROUGH

Title (de)

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Title (fr)

ARBRE EN MATÉRIAU COMPOSITE RENFORCÉ PAR DES FIBRES POURVU D'UNE TRAVERSÉE DE CLOISON ÉTANCHE IGNIFUGE

Publication

EP 2893204 A1 20150715 (DE)

Application

EP 13759142 A 20130808

Priority

- DE 102012017434 A 20120904
- EP 2013066622 W 20130808

Abstract (en)

[origin: WO2014037185A1] The invention relates to a input shaft (10), in particular for the torque-transmitting connection of motor and propeller of a ship drive, the input shaft (10) having input-side and output-side interfaces and at least one composite hollow shaft made of fibre composite material arranged therebetween. According to the invention, the input shaft (10) has at least one section (11) which is arranged between the input-side and output-side interfaces, is connected to the composite hollow shaft, and is made of non-flammable material. The invention further relates to a ship comprising a hull and at least one bulkhead (3) running transversally to the longitudinal axis of the hull, a motor, a propeller and an input shaft (10) for the torque-transmitting connection of motor and propeller, the input shaft (10) being fed through the bulkhead (3) and having at least one composite hollow shaft made of fibre composite material. The input shaft (10) has at least one section (11) which is arranged in the region of the feedthrough through the bulkhead (3), is connected to the composite hollow shaft, and is made of non-flammable material.

IPC 8 full level

B63H 23/34 (2006.01); **F16C 3/02** (2006.01)

CPC (source: EP US)

B63B 3/56 (2013.01 - US); **B63H 23/34** (2013.01 - US); **F16C 3/023** (2013.01 - EP US); **F16C 3/026** (2013.01 - EP US); **F16D 1/02** (2013.01 - EP US); **F16D 1/033** (2013.01 - EP US); **F16D 1/04** (2013.01 - EP US); **F16D 1/0847** (2013.01 - EP US); **B63H 2023/342** (2013.01 - US); **B63H 2023/346** (2013.01 - EP US); **F16C 2326/30** (2013.01 - EP US); **F16D 2200/0039** (2013.01 - EP US); **F16D 2200/006** (2013.01 - EP US)

Citation (search report)

See references of WO 2014037185A1

Citation (examination)

US 4530379 A 19850723 - POLICELLI FREDERICK J [US]

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 2014037185 A1 20140313; AU 2013311950 A1 20150409; AU 2013311950 B2 20170413; CN 104769294 A 20150708; CN 104769294 B 20171201; EP 2893204 A1 20150715; JP 2015532704 A 20151112; JP 6231105 B2 20171115; US 2015225057 A1 20150813; US 9701386 B2 20170711

DOCDB simple family (application)

EP 2013066622 W 20130808; AU 2013311950 A 20130808; CN 201380056391 A 20130808; EP 13759142 A 20130808; JP 2015530335 A 20130808; US 201314425382 A 20130808