

Title (en)

FOIL ARRANGEMENT, HULL OF A BOAT OR A SHIP, RUDDER AND A BOAT OR SHIP

Title (de)

STRÖMUNGSPROFIL-ANORDNUNG, RUMPF EINES BOOTES ODER EINES SCHIFFS, RUDER UND BOOT ODER SCHIFF

Title (fr)

AGENCEMENT DE HYDROFOIL, COQUE DE BATEAU OU DE NAVIRE, GOUVERNAIL ET BATEAU OU NAVIRE

Publication

EP 3216689 B1 20190515 (EN)

Application

EP 16159726 A 20160310

Priority

EP 16159726 A 20160310

Abstract (en)

[origin: EP3216689A1] The invention relates to a foil arrangement for boats or ships as well as to a hull of a boat or a ship, a rudder and the boat or ship itself. The foil arrangement comprises at least one foil section having a wing profile which extends along a flow direction and comprising a connection section connected to the foil section along a connection direction, wherein the connection direction extends angular to the flow direction and the connection section is adapted to be mechanically fixed in a movable way, so that the foil arrangement is rotatorily and/ or translationally movable relative to a hull of a boat or ship. The foil arrangement further comprises a stiffening element connecting the foil section and the connection section to each other so that the foil arrangement has a closed hollow profile.

IPC 8 full level

B63B 1/24 (2006.01); **B63B 1/30** (2006.01); **B63H 25/38** (2006.01)

CPC (source: EP US)

B63B 1/248 (2013.01 - EP US); **B63B 1/30** (2013.01 - EP US); **B63H 25/38** (2013.01 - EP)

Cited by

US11577806B2; EP4147960A1; WO2019064106A1; WO2023094176A1

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

DOCDB simple family (publication)

EP 3216689 A1 20170913; EP 3216689 B1 20190515; EP 3216689 B8 20190626

DOCDB simple family (application)

EP 16159726 A 20160310