

Title (en)
VESSEL WITH ADJUSTABLE FLOW TUNNEL

Title (de)
SCHIFF MIT EINSTELLBAREM DURCHFLUSSTUNNEL

Title (fr)
RÉCIPIENT À TUNNEL D'ÉCOULEMENT RÉGLABLE

Publication
EP 3118102 A1 20170118 (EN)

Application
EP 15177131 A 20150716

Priority
EP 15177131 A 20150716

Abstract (en)
A tunnel member assembly (41a) adapted for attaching in or onto a hull of a vessel with a propeller that is rotatably mounted with respect to the hull and a nozzle (30) surrounding the propeller. The tunnel member assembly comprises a casing (64) adapted for mounting the tunnel member assembly in or onto the hull, and a tunnel member (42a), which is coupled to and moveable with respect to the casing between: - a retracted state, wherein the tunnel member is removed from the nozzle, and - an extended state, wherein the tunnel member defines at least a part of an adjustable flow tunnel (40) for conveying a flow of water towards the propeller, and wherein the tunnel member abuts the nozzle to form a sealing engagement for maintaining an undeipressure inside the flow tunnel.

IPC 8 full level
B63H 5/15 (2006.01); **B63H 5/16** (2006.01)

CPC (source: EP)
B63H 5/15 (2013.01); **B63H 5/16** (2013.01)

Citation (applicant)
EP 1300330 A1 20030409 - AUGSPURGER STEFFEN [DE], et al

Citation (search report)
• [A] US 3635186 A 19720118 - GERMAN WILLIAM H
• [A] NL 1034333 C2 20090311 - HRP HOLDING B V [NL]
• [A] US 4977845 A 19901218 - RUNDQUIST CARL E [US]
• [A] GB 1121821 A 19680731 - HOVERMARINE LTD

Cited by
EP4361019A1; DE102022128854B3

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 3118102 A1 20170118; EP 3118102 B1 20180822; PL 3118102 T3 20190228

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EP 15177131 A 20150716; PL 15177131 T 20150716