

Title (en)
Ship propulsion with two contra-rotating propellers

Title (de)
Schiffsantrieb mit zwei gegenläufigen Schrauben

Title (fr)
Propulsion de navire avec deux hélices contra-rotatives

Publication
EP 0605072 B1 19960228 (DE)

Application
EP 93250358 A 19931222

Priority
DE 4244586 A 19921228

Abstract (en)
[origin: EP0605072A1] The invention relates to improved ship propulsion with two contra-rotating propellers, the rear propeller of which is fastened at the head end to an inner shaft and the front propeller of which is fastened at the head end to a hollow shaft guided concentrically to the inner shaft, in which arrangement the inner shaft is passed through gearing and can be fastened at the foot end to an output shaft of a first engine, and arranged at the foot end on the hollow shaft is a gear which meshes with a further gear which is fastened to an input shaft which is guided parallel to the inner shaft and can be connected to the output of a second engine. <IMAGE>

IPC 1-7
B63H 5/10; **B63H 23/10**

IPC 8 full level
B63H 5/10 (2006.01); **B63H 23/10** (2006.01)

CPC (source: EP US)
B63H 5/10 (2013.01 - EP US); **B63H 23/10** (2013.01 - EP US)

Cited by
CN106122452A

Designated contracting state (EPC)
DE ES FR GR IT NL

DOCDB simple family (publication)
EP 0605072 A1 19940706; **EP 0605072 B1 19960228**; DE 4244586 A1 19940707; DE 4244586 C2 19960905; DE 59301732 D1 19960404; JP H06278690 A 19941004; US 5441388 A 19950815

DOCDB simple family (application)
EP 93250358 A 19931222; DE 4244586 A 19921228; DE 59301732 T 19931222; JP 34877093 A 19931227; US 17447293 A 19931228