

Title (en)
DEVICE FOR PRODUCING A FORWARD DRIVE FORCE

Publication
EP 0250473 B1 19910320 (DE)

Application
EP 86906786 A 19861201

Priority
DE 3542541 A 19851202

Abstract (en)
[origin: WO8703264A1] A body surrounded by a fluid is moved in a specified direction by a drive system (1) which creates a negative pressure by sucking in the fluid from the environment, increasing the speed of fluid flow in relation to the body by adding energy and ejecting the fluid at an increased speed against the direction of movement. The fluid is sucked in through a curved duct (5, 6) fixed to the body which modifies the direction of flow of the fluid in such a way that the directional vector of the fluid which is sucked in and flows into the duct (5, 6) and the vector in the direction of movement of the body form an angle differing from 180\circ, and at low speeds lie preferably in the same direction.

IPC 1-7
B63H 11/10

IPC 8 full level
B63H 11/08 (2006.01); **B63H 11/10** (2006.01); **B63H 11/113** (2006.01); **B64C 27/08** (2006.01); **F02K 1/78** (2006.01); **F02K 99/00** (2009.01)

CPC (source: EP US)
B63H 11/113 (2013.01 - EP US)

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 8703264 A1 19870604; DE 3542541 A1 19870604; DE 3678286 D1 19910425; EP 0250473 A1 19880107; EP 0250473 B1 19910320; JP S63502097 A 19880818; US 4843814 A 19890704

DOCDB simple family (application)
DE 8600488 W 19861201; DE 3542541 A 19851202; DE 3678286 T 19861201; EP 86906786 A 19861201; JP 50001887 A 19861201; US 9352687 A 19870731