

Title (en)
Fin propulsion for watercraft

Title (de)
Flossenantrieb für ein Wasserfahrzeug

Title (fr)
Propulsion à nageoire pour bateau

Publication
EP 0675039 B1 19981014 (DE)

Application
EP 94105084 A 19940330

Priority
• EP 94105084 A 19940330
• DE 4232654 A 19920929
• US 42220195 A 19950329

Abstract (en)
[origin: DE4232654A1] The support (2) is moved up and down in the boat (11), and incorporates an adjustment for the stroke of the paddle (25).It can be coupled to a manually-operated rocker beam (5), and the paddle can be secured to it by a detachable locking device. It can pass through a guide in the hull, and the beam can form a bench, on which the user stands, kneels or sits. The stroke can be adjustable by stops, typically consisting of pins adjustable in guides in the support. USE/ADVANTAGE - Manually-operated boat-propulsion paddle mechanism gives long stroke for getting under way and reduces this at higher speed when less effort is necessary.

IPC 1-7
B63H 1/36

IPC 8 full level
B63H 1/36 (2006.01); **B63H 16/18** (2006.01)

CPC (source: EP US)
B63H 1/36 (2013.01 - EP US); **B63H 16/12** (2013.01 - EP US)

Cited by
WO2004050474A1

Designated contracting state (EPC)
ES FR GB IT

DOCDB simple family (publication)
DE 4232654 A1 19940331; DE 4232654 C2 19950706; EP 0675039 A1 19951004; EP 0675039 B1 19981014; US 5549491 A 19960827

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DE 4232654 A 19920929; EP 94105084 A 19940330; US 42220195 A 19950329