Title (en)
  Marine propeller with foldable blades.

Title (de)
  Schiffsschraube mit zusammenfaltbaren Blättern.

Title (fr)
  Hélice marine à pales repliables.

Publication
  EP 0011552 A1 19800528 (FR)

Application
  EP 79400834 A 19791108

Priority
  FR 7831593 A 19781108

Abstract (en)
  1. A marine propeller with collapsible blades, comprising at least two blades (1, 2) articulated relative to a propeller shaft (3), the blades being adapted to move between two positions (inoperative and operative positions), and a mechanism (6) for synchronising the movement of the blades, to synchronise their transfer movement (debattement) between their two positions, the synchronising mechanism comprising a connecting member (7) which is mounted to slide axially relative to the propeller shaft (3) and which co-operates with each of the blades (1, 2) of the propeller, characterised in that the feet (1a, 2a) of the blades (1, 2) of the propeller are housed in an axial slot (5) in the end of the propeller shaft (3) and are articulated relative to the propeller shaft (3) by means of one transverse spindle (4).

Abstract (fr)
  L'invention est relative à une hélice marine à pales repliables. Les pales 1 et 2 de l'hélice sont reliées par un mécanisme de synchronisation 6 comportant un pièce de liaison 7 montée coulissante axialement dans l'embout 3a de l'arbre porte-hélice 3. Application: Hélice pour voilier à moteur auxiliaire intérieur.

IPC 1-7
  B63H 1/24; F16H 25/00

IPC 8 full level
  B63H 1/24 (2006.01)

CPC (source: EP)
  B63H 1/24 (2013.01)

Citation (search report)
  • US 2500382 A 19500314 - ROWLEY ELTON H
  • DE 712934 C 19411029 - HERMANN DORNER DIPL ING
  • DE 411631 C 19250328 - HELLMUTH HIRTH

Cited by
  US6972956B2

Designated contracting state (EPC)
  DE GB IT NL SE

DOCDB simple family (publication)
  EP 0011552 A1 19800528; **EP 0011552 B1 19831019**; DE 2966338 D1 19831124; FR 2440869 A1 19800606; FR 2440869 B1 19811231

DOCDB simple family (application)
  EP 79400834 A 19791108; DE 2966338 T 19791108; FR 7831593 A 19781108