

Title (en)
Steering of vessels.

Title (de)
Schiffsteuerung.

Title (fr)
Gouverne de bateaux.

Publication
EP 0354402 A1 19900214 (EN)

Application
EP 89113566 A 19890724

Priority
US 22502788 A 19880725

Abstract (en)
A vessel for the water-borne transportation of people, animals and goods has parallel elongate first chambers (15) each with a pair of rotatable members (14) extending downwardly to opposite ends of the first chambers. Ducts form water passages (16) extending through the rotatable members and propellers (18) are provided in each of them for propelling the vessel. A main water duct (23) extends between the rotatable members and a superstructure is supported on the rotatable members (14). The rotatable members (14) can be rotated between a first position, in which the ducts in the rotatable members communicate with the main duct (23) and a second position in which the ducts discharge at least partially in a direction extending laterally of the main duct, whereby the vessel may be steered, rotated and laterally displaced by varying the positions of rotation of the rotatable members.

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IPC 8 full level
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B63H 5/08 (2013.01 - KR); **B63H 5/14** (2013.01 - EP); **B63H 25/46** (2013.01 - EP)

Citation (search report)

- [X] US 3412705 A 19681126 - NESSON JEAN J
- [Y] GB 527599 A 19401011 - JEAN BADOVICI
- [Y] DE 1756779 A1 19701022 - WEISS BRUNO [DE]
- [Y] GB 1130378 A 19681016 - TAMCO LTD
- [Y] US 1197850 A 19160912 - PEASE CHARLES [US]
- [A] DE 3029632 A1 19820708 - GULAIF JOSEF
- [A] US 3198158 A 19650803 - KENNETH WINTER DUNCAN
- [A] FR 529147 A 19211123 - GILL PROPELLER COMPANY LTD [GB]

Cited by
CN115009491A; CN115009490A; US5282763A; CN107161279A

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