

Title (en)
Improvements in the oars of boats

Title (de)
Verbesserungen an Bootsriemen

Title (fr)
Perfectionnements aux rames de bateaux

Publication
EP 0778197 A1 19970611 (EN)

Application
EP 96500158 A 19961205

Priority
ES 9502422 A 19951207

Abstract (en)
Improvements in oars of boats which consist of an oar with a toothed articulation (5, 6) which divides the oar into two parts (1, 2) in such a way that when the oarsman (3) bends his forearm and drives the part (1) backwards, the part (2) of the blade (4) is also driven backwards making the boat (10) move forwards, said articulation (5, 6) being mounted in a tilting way on the bulwark (12) so that pushing downwards the part (1) of the oar its blade (4) rises leaving the water to return to the initial position. <IMAGE>

IPC 1-7
B63H 16/10

IPC 8 full level
B63H 16/10 (2006.01)

CPC (source: EP)
B63H 16/102 (2013.01)

Citation (search report)
• [X] US 3156934 A 19641117 - KASHEW JOHN A
• [X] US 4738643 A 19880419 - NOGGLE JOSEPH H [US]
• [X] US 3884175 A 19750520 - BELLIS GEORGE D
• [X] US 5112261 A 19920512 - HUMPHREY JAMES A [US]

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