

Title (en)
OUTBOARD-MOTOR CLOSED-LOOP COOLER SYSTEM

Title (de)
AUSSENBORDMOTOR-KÜHLERSYSTEM MIT GESCHLOSSENEM REGELKREIS

Title (fr)
SYSTÈME DE REFROIDISSEUR À BOUCLE FERMÉE À MOTEUR HORS-BORD

Publication
EP 3472043 B1 20220209 (EN)

Application
EP 16906486 A 20161128

Priority
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Abstract (en)
[origin: WO2017222583A1] A method for providing an outboard-motor closed-loop cooler system as a retrofit substitute for the midsection and the lower unit of a standard outboard motor, having a substitute closed-loop cooling system with an exterior heat exchanger, a substitute oil reservoir, a substitute exhaust system, and a substitute propulsion system, allowing an existing standard outboard-motor powerhead to be used in conditions not conducive to standard open-loop water cooling, such as shallow-water, muddy-water, obstructed- water, seawater, or corrosive-water conditions.

IPC 8 full level
B63H 20/24 (2006.01); **B63H 20/28** (2006.01); **F01P 3/20** (2006.01); **F01P 7/16** (2006.01); **F02B 61/04** (2006.01)

CPC (source: EP)
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Citation (examination)
US 7421983 B1 20080909 - TAYLOR CHRISTOPHER J [US]

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CA 3028085 C 20240102; CN 109641643 A 20190416; CN 109641643 B 20210312; EP 3472043 A1 20190424; EP 3472043 A4 20200108;
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