

Title (en)
MARINE PROPULSION SYSTEM

Title (de)
VORTRIEBSSYSTEM FÜR WASSERFAHRZEUGE

Title (fr)
APPAREIL PROPULSEUR NAVAL

Publication
EP 0898548 B1 20010530 (EN)

Application
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Priority
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• SE 9601793 A 19960512

Abstract (en)
[origin: WO9743173A1] A propulsive transmission system comprising contra-rotating propellers which are connected to a planet gear in the hub. The planet gear is driven by a horizontal or slightly angled shaft to the sun gear. The sun gear operates at a rotational speed which is considerably greater than that of the motor by gearing up the speed of the motor by one and a half to three times using a step up gear. In parallel with the step up gear, parallel gear wheels can be arranged with clutches in order to temporarily create another gearing ("gear box"). The hub can be mounted in a steerable outboard housing which may also be provided with a trimming arrangement. For an inboard motor having a steerable housing, the power is transmitted via a cardan joint to thereby permit trimming and steering.

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