

Title (en)
SHIP EQUIPPED WITH AT LEAST ONE JET PROPULSION

Publication
EP 0317431 B1 19920819 (FR)

Application
EP 88402881 A 19881116

Priority
FR 8715782 A 19871116

Abstract (en)
[origin: EP0317431A1] Ship equipped with at least one jet propeller, consisting of a casing containing, between an inlet (3) tangential to the hull (2) and a rear water outlet (4), an upstream duct (5), a pump wheel (6), fixed straightening blades (7) and a hub (8) carried by the blades which forms, with the casing (9), an outlet nozzle (10). <??>The cross-section of the outlet nozzle (10) varies within small limits between the blades (7) and the outlet (4) by virtue of pipes (25, 26, 29) for injecting gas into the nozzle (10), which pipes are arranged in the vicinity of the downstream edge of the blades (7) and are connected by a circuit to means for supplying compressed air (16). The supply circuit comprises an outer annular housing (14) formed around the blades (7) in the casing and connected to the injection pipes (25, 26, 29). <??>Application to ships requiring a very high thrust.
<IMAGE>

IPC 1-7
B63H 11/00

IPC 8 full level
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EP 0317431 A1 19890524; EP 0317431 B1 19920819; DE 3873885 D1 19920924; DE 3873885 T2 19930318; ES 2035346 T3 19930416; FR 2623161 A1 19890519; FR 2623161 B1 19900406; US 4929200 A 19900529

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