

Title (en)

A METHOD OF CONTROLLING THE PROPULSION MACHINERY IN A SHIP HAVING A VARIABLE-PITCH PROPELLER

Publication

**EP 0089960 B1 19870708 (EN)**

Application

**EP 82901550 A 19820505**

Priority

SE 8102848 A 19810507

Abstract (en)

[origin: WO8203831A1] In a method for controlling the propulsion machinery in a ship having a variable-pitch propeller, the ship's speed is first adjusted to a value within a predetermined interval containing a desired value of the speed. This adjustment is effected by changing the number of revolutions of the propulsion machinery and the propeller pitch, whereupon the number of revolutions and the pitch are changed, while maintaining the speed within the said interval. For each change in the number of revolutions and the pitch, it is checked whether the change has resulted in an increase or a cutdown in fuel consumption. These changes are effected until a combination of the number of revolutions and the pitch is attained, which provides for minimum fuel consumption in the propulsion machinery.

IPC 1-7

**B63H 3/10**

IPC 8 full level

**B63H 3/10** (2006.01)

CPC (source: EP)

**B63H 3/10** (2013.01)

Citation (examination)

- DE 1531730 A1 19700205 - KUPPERT ARTHUR
- EP 0048587 A1 19820331 - NIPPON KOKAN KK [JP]
- Dissertation paper: "Minimising fuel consumption for marine machinery with a diesel engine and variable propeller," by G. Buttenschön, 1980, Sweden

Cited by

DE4441604A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 8203831 A1 19821111**; DE 3276696 D1 19870813; DK 157071 B 19891106; DK 157071 C 19900416; DK 5483 A 19830107; DK 5483 D0 19830107; EP 0089960 A1 19831005; EP 0089960 B1 19870708; FI 74246 B 19870930; FI 831965 A0 19830601; FI 831965 L 19830601; NO 152968 B 19850916; NO 152968 C 19860930; NO 830013 L 19830104; SE 428792 B 19830725; SE 8102848 L 19821108

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