

Title (en)

SAFETY MODULE FOR AN ENGINE CONTROL SYSTEM

Title (de)

SICHERHEITSMODUL FÜR EIN MOTORSTEUERSYSTEM

Title (fr)

MODULE DE SÉCURITÉ ET D'ENTRÉE/SORTIE INTÉGRÉ POUR SYSTÈME DE COMMANDE DE MOTEUR

Publication

EP 2598740 A1 20130605 (EN)

Application

EP 11751984 A 20110729

Priority

- US 36965310 P 20100730
- US 2011045914 W 20110729

Abstract (en)

[origin: WO2012016155A1] A safety and input/output (I/O) module (106) of an engine controller (101) for an engine set of a marine vessel can be physically distinct from an engine control unit (ECU) (102). The safety and I/O module can include hardware in addition to software, firmware, or a combination thereof. The safety and I/O module can be a single logic controller having safety functionality and I/O functionality. The safety functionality can be for dynamic engine protection during operation of the engine set of the marine vessel. The I/O functionality can be for sending signals to components external to the engine controller and for receiving signals from components (120, 122) external to the engine controller.

IPC 8 full level

F02D 41/22 (2006.01); **B63H 21/22** (2006.01); **F02D 29/02** (2006.01); **F02D 31/00** (2006.01); **F02D 41/26** (2006.01); **G06F 11/32** (2006.01)

CPC (source: EP KR)

B63H 21/21 (2013.01 - EP); **B63H 21/22** (2013.01 - KR); **F02D 29/02** (2013.01 - EP KR); **F02D 29/06** (2013.01 - EP); **F02D 41/22** (2013.01 - EP KR); **F02D 41/26** (2013.01 - KR); **F02D 41/266** (2013.01 - EP); **B63H 2021/216** (2013.01 - EP); **F02B 61/04** (2013.01 - EP); **F02D 31/007** (2013.01 - EP); **F02D 2041/227** (2013.01 - EP); **F02D 2041/228** (2013.01 - EP)

Citation (search report)

See references of WO 2012016155A1

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