

Title (en)
Rudder for ships

Title (de)
Ruder für Schiffe

Title (fr)
Gouvernail pour bateaux

Publication
EP 2857308 A3 20150826 (DE)

Application
EP 14187248 A 20141001

Priority
DE 202013104463 U 20131001

Abstract (en)
[origin: KR20150039115A] The present invention relates to a rudder for ships comprising: a rudder post extended along a longitudinal axis; a rudder blade disposed in the rudder post; a sensor device disposed in the rudder post or the rudder blade; and at least one line connected to the sensor device for supplying electric power to the sensor device and/or for transmitting sensor signals or formed to guiding fluid. According to the present invention, the rudder post includes a bore, the bore is extended in the rudder post, and at least one line is at least partially installed in the bore.

IPC 8 full level
B63H 25/38 (2006.01)

CPC (source: EP)
B63H 25/38 (2013.01); **B63H 25/52** (2013.01)

Citation (search report)

- [XAI] US 6431923 B1 20020813 - KNIGHT STEVEN J [US], et al
- [A] KR 20120134300 A 20121212 - SAMSUNG HEAVY IND [KR]
- [A] EP 2319758 A1 20110511 - BECKER MARINE SYS GMBH & CO KG [DE]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 202013104463 U1 20131029; CN 104512542 A 20150415; CN 104512542 B 20180626; EP 2857308 A2 20150408; EP 2857308 A3 20150826; KR 20150039115 A 20150409

DOCDB simple family (application)
DE 202013104463 U 20131001; CN 201410524828 A 20141008; EP 14187248 A 20141001; KR 20140132243 A 20141001