

Title (en)

VALVES FOR STEAM ENGINE WITH ROTATING PISTON AND DRIVE THEREOF

Title (de)

VENTILE FÜR EINEN DAMPFMOTOR MIT ROTIERENDEM KOLBEN UND ANTRIEB DAFÜR

Title (fr)

SOUPAPES POUR MOTEUR À VAPEUR À PISTON ROTATIF ET ENTRAÎNEMENT ASSOCIÉ

Publication

EP 2452053 A1 20120516 (EN)

Application

EP 10739722 A 20100624

Priority

- SK 2010050011 W 20100624
- SK 500342009 A 20090706

Abstract (en)

[origin: WO2011005228A1] Valves (1) for steam engine with rotating piston and drive thereof, the cylinder rotary body (3) with the cavity (31) is placed in the casing whereof (2). The rotary body (3) contains at least one body opening (32) along the circumference thereof and the casing (2) contains at least one pipe opening (24) and at least one engine opening (25) for ensuring pass-over of propulsion medium between the pipe (6) and the engine. The valve wheel (8) connected to the drive gear (9) designated for driving the valve (1) is mounted on the back shaft (4). The drive gear (9) consists of at least one circulating drive element (93) connected to the drive wheel (91), the valve wheels (8), at least one tensioner (95) and at least one vibration damper (94).

IPC 8 full level

F01L 7/02 (2006.01)

CPC (source: EP US)

F01L 7/02 (2013.01 - EP US)

Citation (search report)

See references of WO 2011005228A1

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2011005228 A1 20110113; WO 2011005228 A4 20110310; EP 2452053 A1 20120516; SK 288056 B6 20130301; SK 500342009 A3 20110204; US 2012104301 A1 20120503

DOCDB simple family (application)

SK 2010050011 W 20100624; EP 10739722 A 20100624; SK 500342009 A 20090706; US 201013379372 A 20100624