

Title (en)
Triple shell steam turbine

Title (de)
Dreischalige Dampfturbine

Title (fr)
Turbine à vapeur à trois coques

Publication
EP 2216512 A1 20100811 (DE)

Application
EP 09001832 A 20090210

Priority
EP 09001832 A 20090210

Abstract (en)
The machine has a valve (10) comprising a valve diffuser (11) that is arranged at an inside interior housing (3). A sealing element (12) is arranged between the valve diffuser and the inside interior housing, and the valve diffuser comprises a flange that is connected with an external housing (7). An intermediate ring (18) is arranged at an outside interior housing (5) and connected with the external housing, and another sealing element (20) is arranged between the intermediate ring and the outside interior housing. The two sealing elements are formed as an angle ring sealing element.

Abstract (de)
Die Erfindung betrifft eine dreischalige Strömungsmaschine (1) mit einem Ventil (10), wobei das Ventil (10) über zwei Dichtungsanordnungen (12, 20) und mit Hilfe eines Zwischenringes (18) dichtend an die dreischalige Strömungsmaschine (1) angekoppelt wird.

IPC 8 full level
F01D 9/06 (2006.01); **F01D 25/26** (2006.01)

CPC (source: EP)
F01D 9/06 (2013.01); **F01D 25/26** (2013.01)

Citation (search report)
• [A] GB 1010300 A 19651117 - RATEAU SOC
• [A] US 2925995 A 19600223 - ROBERT HERTL
• [A] JP S59224404 A 19841217 - FUJI ELECTRIC CO LTD
• [A] EP 0128343 A1 19841219 - BBC BROWN BOVERI & CIE [CH]

Cited by
EP3406951A1; EP2551463A1

Designated contracting state (EPC)
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 TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2216512 A1 20100811; CN 102317580 A 20120111; CN 102317580 B 20140827; EP 2396517 A1 20111221; EP 2396517 B1 20150624; WO 2010091941 A1 20100819

DOCDB simple family (application)
EP 09001832 A 20090210; CN 201080007378 A 20100125; EP 10702850 A 20100125; EP 2010050799 W 20100125