

Title (en)  
STEAM TURBINE WITH COOLING DEVICE

Title (de)  
DAMPFTURBINE MIT KÜHLVORRICHTUNG

Title (fr)  
TURBINE À VAPEUR DOTÉE D'UN DISPOSITIF DE REFROIDISSEMENT

Publication  
**EP 2274504 A1 20110119 (DE)**

Application  
**EP 09735261 A 20090227**

Priority  
• EP 2009052382 W 20090227  
• EP 08007704 A 20080421  
• EP 09735261 A 20090227

Abstract (en)  
[origin: EP2112335A1] The fluid flow engine has a rotor (14), an inner housing (6) arranged around the rotor and an outer housing arranged around the inner housing. A shell (1) is arranged around an area of the inner housing. The shell has a feed stream for flowing damp and an exhaust flow for exhausting the damp circulating in the shell. The shell is manufactured from metal sheet.

IPC 8 full level  
**F01D 25/24** (2006.01); **F01D 25/26** (2006.01)

CPC (source: EP US)  
**F01D 25/26** (2013.01 - EP US); **F05D 2220/31** (2013.01 - EP US); **F05D 2260/205** (2013.01 - EP US); **F05D 2260/2322** (2013.01 - EP US)

Citation (search report)  
See references of WO 2009130077A1

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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 2112335 A1 20091028**; CN 102016239 A 20110413; CN 102016239 B 20150422; EP 2274504 A1 20110119; EP 2274504 B1 20130130; JP 2011518277 A 20110623; JP 5279893 B2 20130904; KR 101266896 B1 20130524; KR 20100135933 A 20101227; PL 2274504 T3 20130628; RU 2010147407 A 20120527; RU 2477802 C2 20130320; US 2011116915 A1 20110519; US 8740555 B2 20140603; WO 2009130077 A1 20091029

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