

Title (en)
Turbine for an exhaust gas turbocharger

Title (de)
Turbine für einen Abgasturbolader

Title (fr)
Turbine pour un turbocompresseur d'échappement

Publication
EP 2576989 B1 20150225 (DE)

Application
EP 11716836 A 20110420

Priority
• DE 102010021928 A 20100528
• EP 2011002018 W 20110420

Abstract (en)
[origin: WO2011147510A2] The invention relates to a turbine for an exhaust gas turbocharger (22) of an internal combustion engine (10), comprising at least one housing part (56), which has at least two spiral channels (58), through which exhaust gas of the internal combustion engine (10) can flow and which have respective spiral inlet cross-sections (As), wherein the housing part (56) is accommodated in an accommodating chamber (74) that is common to the spiral channels (58) and that is formed by at least one further housing part (72) of the turbine (54), from which accommodating chamber exhaust gas of the internal combustion engine (10) can flow through the spiral inlet cross-sections (As) into the spiral channels (58).

IPC 8 full level
F01D 9/02 (2006.01); **F01D 17/14** (2006.01); **F01D 25/26** (2006.01)

CPC (source: EP US)
F01D 9/026 (2013.01 - EP US); **F01D 17/143** (2013.01 - EP US); **F01D 25/26** (2013.01 - EP US); **F05D 2220/40** (2013.01 - EP US)

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

DOCDB simple family (publication)
DE 102010021928 A1 20111201; CN 103097667 A 20130508; CN 103097667 B 20150311; EP 2576989 A2 20130410; EP 2576989 B1 20150225; JP 2013530335 A 20130725; JP 5445810 B2 20140319; US 2013104539 A1 20130502; US 8997485 B2 20150407; WO 2011147510 A2 20111201; WO 2011147510 A3 20130328

DOCDB simple family (application)
DE 102010021928 A 20100528; CN 201180026412 A 20110420; EP 11716836 A 20110420; EP 2011002018 W 20110420; JP 2013511560 A 20110420; US 201213684543 A 20121125