

Title (en)

Flow work machine

Title (de)

Strömungsarbeitsmaschine

Title (fr)

Machine de traitement des écoulements

Publication

EP 2151582 A3 20140416 (DE)

Application

EP 09009508 A 20090722

Priority

DE 102008037154 A 20080808

Abstract (en)

[origin: EP2151582A2] The fluid flow machine has a mainstream path (2) bordered by a hub (3) and a housing (1). A row of blade is arranged in the housing. A gap is provided at a blade row between the blade end and the mainstream path boundary. A reversal channel connects together two openings arranged at the mainstream path boundary.

IPC 8 full level

F04D 27/02 (2006.01); **F04D 29/54** (2006.01); **F04D 29/68** (2006.01)

CPC (source: EP US)

F04D 29/526 (2013.01 - EP US); **F04D 29/685** (2013.01 - EP US); **F04D 27/0207** (2013.01 - EP US)

Citation (search report)

- [X] EP 1286022 A1 20030226 - UNITED TECHNOLOGIES CORP [US]
- [X] EP 1862641 A1 20071205 - SIEMENS AG [DE]
- [X] US 3011762 A 19611205 - ROBERT POUIT
- [X] GB 504214 A 19390421 - RHEINMETALL BORSIG AG WERK BOR

Cited by

FR2989743A1; EP2546529A3; FR2989744A1; CN104220759A; FR2989742A1; RU2626874C2; EP3106672A1; CN106257059A; US10359054B2; BE1023215B1; US10024336B2; US9638213B2; WO2013156725A3; WO2013156726A3

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 SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2151582 A2 20100210; **EP 2151582 A3 20140416**; DE 102008037154 A1 20100211; US 2010034637 A1 20100211; US 8382422 B2 20130226

DOCDB simple family (application)

EP 09009508 A 20090722; DE 102008037154 A 20080808; US 53438809 A 20090803