Title (en)

Rotor nozzle

Title (de)

Rotordüse

Title (fr)

Buse de rotor

Publication

EP 2251091 B1 20160504 (DE)

Application

EP 10004818 A 20100506

Priority

DE 102009020409 A 20090508

Abstract (en)

[origin: EP2251091A2] The nozzle has a rotor (21) arranged in a swirl chamber (17) of a nozzle housing (11). A flexing device (25) arranged in the swirl chamber surrounds the rotor, where deforming work is carried out in a flexing state of the flexing device based on a specific angle of inclination of the rotor. The flexing device adopts a base state up to the specific angle of inclination of the rotor in which the flexing device is arranged at certain interval from an end abutment, where the spacing in the flexing state is changed by deformation of the flexing device.

IPC 8 full level

B05B 3/04 (2006.01)

CPC (source: EP US)

B05B 3/0463 (2013.01 - EP US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2251091 A2 20101117; **EP 2251091 A3 20110112**; **EP 2251091 B1 20160504**; DE 102009020409 A1 20101118; DE 202010018423 U1 20160919; US 2010282864 A1 20101111; US 8540170 B2 20130924

DOCDB simple family (application)

EP 10004818 A 20100506; DE 102009020409 A 20090508; DE 202010018423 U 20100506; US 77497510 A 20100506