

Title (en)

COMPRESSOR ROTOR FOR AN EXHAUST GAS TURBOCHARGER

Title (de)

VERDICHTERRAD FÜR EINEN ABGASTURBOLADER

Title (fr)

ROUE DE COMPRESSEUR POUR UNE TURBOCOMPRESSEUR DE GAZ D'ECHAPPEMENT

Publication

**EP 3128181 B1 20190904 (DE)**

Application

**EP 16181125 A 20160726**

Priority

DE 102015214854 A 20150804

Abstract (en)

[origin: US2017037729A1] An impeller for an exhaust gas turbocharger may include a hub main body and blades arranged thereon. The hub main body may be configured as a polygon with a number of segments that may be tilted with respect to one another, the number of the segments corresponding to a number of the blades. Alternatively, the hub main body may have a main surface that faces the blades and undulates in a circumferential direction, a number of the undulations corresponding to the number of the blades.

IPC 8 full level

**F04D 29/28** (2006.01)

CPC (source: CN EP US)

**F01D 5/04** (2013.01 - US); **F01D 5/141** (2013.01 - CN US); **F04D 29/284** (2013.01 - CN EP US); **F05D 2220/40** (2013.01 - EP US); **F05D 2240/80** (2013.01 - EP US); **F05D 2250/18** (2013.01 - EP US); **F05D 2250/183** (2013.01 - EP US); **F05D 2250/184** (2013.01 - EP US); **F05D 2250/611** (2013.01 - EP US); **F05D 2250/73** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 3128181 A1 20170208**; **EP 3128181 B1 20190904**; CN 106438461 A 20170222; CN 106438461 B 20210209; DE 102015214854 A1 20170209; US 10689982 B2 20200623; US 2017037729 A1 20170209

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