

Title (en)

VARIABLE GEOMETRY TURBOCHARGER GUIDE VANE AND TURBOCHARGER

Title (de)

SCHAUFEL EINES TURBOLADERS MIT VERSTELLBARER TURBINENGEOMETRIE SOWIE TURBOLADER

Title (fr)

AUBE DE GUIDAGE DE TURBOCOMPRESSEUR À GÉOMÉTRIE VARIABLE ET TURBOCOMPRESSEUR

Publication

EP 3150805 B1 20200923 (DE)

Application

EP 16196372 A 20051125

Priority

- EP 16196372 A 20051125
- EP 05025829 A 20051125

Abstract (en)

[origin: EP1790830A1] The turbocharger has blades (7) arranged in a turbine housing between an exhaust gas inlet and a turbine wheel. Each blade has an upper side (8) and a lower side (9), which defines blade thickness. Each blade has front and rear edges (10, 11) that are provided at respective intersection points of the lower and upper sides. Each blade has a profile center line that is defined in the lower and upper sides and runs between the lower and upper sides from the front edge to the rear edge. An independent claim is also included for a blade of a turbocharger.

IPC 8 full level

F01D 17/16 (2006.01)

CPC (source: EP US)

F01D 17/165 (2013.01 - EP US); **F05D 2220/40** (2013.01 - EP US); **F05D 2250/611** (2013.01 - EP US); **F05D 2250/70** (2013.01 - EP US); **F05D 2250/713** (2013.01 - EP US)

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