

Title (en)

IMPELLER FOR A SIDE CHANNEL FLOW MACHINE IN PARTICULAR DESIGNED AS A SIDE CHANNEL BLOWER

Title (de)

LAUFRAD FÜR EINE INSBESONDERE ALS SEITENKANALGEBLÄSE AUSGEBILDETE SEITENKANAL-STRÖMUNGSMASCHINE

Title (fr)

ROTOR POUR TURBOMACHINE RÉGÉNÉRATRICE, RÉALISÉE EN PARTICULIER SOUS LA FORME D'UNE SOUFFLANTE RÉGÉNÉRATRICE

Publication

**EP 3058230 A1 20160824 (DE)**

Application

**EP 14783643 A 20141013**

Priority

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- EP 2014071856 W 20141013

Abstract (en)

[origin: WO2015055565A1] An impeller (4) for a side channel flow machine (2) has impeller blades the inlet region (15) of which is off-set from the outlet region (16). The inlet region (15) is connected to the outlet region (16) via a sloped transition region (17). The impeller allows a high degree of efficiency of the side channel flow machine (2) and can be produced at particularly low cost.

IPC 8 full level

**F04D 5/00** (2006.01); **F04D 23/00** (2006.01); **F04D 29/18** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2015055565A1

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Designated extension state (EPC)

BA ME

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