

Title (en)

CASING FOR A MOVING-BLADE WHEEL OF A TURBOMACHINE

Title (de)

GEHÄUSE FÜR EIN SICH BEWEGENDES LAUFRAD EINER TURBOMASCHINE

Title (fr)

CARTER POUR ROUE A AUBES MOBILES DE TURBOMACHINE

Publication

**EP 2268926 B1 20110824 (FR)**

Application

**EP 09730900 A 20090325**

Priority

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- FR 0852012 A 20080328

Abstract (en)

[origin: WO2009125135A2] Casing (10) for a moving-blade wheel (100) of a turbomachine, comprising a plurality of circumferential slots (11,12,13) having substantially constant cross sections, and wherein the area of the cross section (S1,S2,S3) of the circumferential slots (11,12,13) decreases in the upstream to downstream direction from the first slot (11) to the last slot (13). As a result of the casing being processed in this way, the efficiency of the moving-blade wheel is optimized and the surge margin is improved.

IPC 8 full level

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CPC (source: EP US)

**F04D 29/164** (2013.01 - EP US); **F04D 29/526** (2013.01 - EP US); **F04D 29/685** (2013.01 - EP US)

Cited by

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