

Title (en)

RING STRUCTURE WITH A METAL DESIGN HAVING A RUN-IN LINING

Title (de)

RINGSTRUKTUR IN METALLBAUWEISE MIT EINLAUFBELAG

Title (fr)

STRUCTURE ANNULAIRE EN CONSTRUCTION METALLIQUE AVEC GARNITURE D'ADMISSION

Publication

EP 1721064 B1 20100602 (DE)

Application

EP 05715035 A 20050228

Priority

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- DE 102004010236 A 20040303

Abstract (en)

[origin: DE102004010236A1] The inner wall (12) is formed by a mechanically stable, closed running-in surface for the rotor blade tips and comprises a metal fabric and/or metal felt. The fabric or felt comprises a high temperature oxidation-resistant metal alloy preferably based on iron, nickel or cobalt. The circular inner wall is separated from a nearby circular outer wall (11) by a connecting hollow compartment structure (13). The outer wall is formed by a closed, mechanically stable casing wall for the compressor or turbine.

IPC 8 full level

F01D 11/12 (2006.01)

CPC (source: EP US)

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