

Title (en)

INTERNAL RING FOR A GUIDE- BLADE RIM OF A TURBOMACHINE

Title (de)

INNENRING FÜR EINEN LEITSCHAUFELKRANZ EINER STRÖMUNGSMASCHINE

Title (fr)

BAGUE INTÉRIEURE D'UNE COURONNE D'AUBES DIRECTRICES D'UNE TURBOMACHINE

Publication

EP 3287608 B1 20190501 (DE)

Application

EP 17179470 A 20170704

Priority

DE 102016215807 A 20160823

Abstract (en)

[origin: US2018058231A1] An inner ring (14) for an annular guide vane assembly (10) of a turbomachine, which inner ring enables variable guide vanes (12) to be rotatably supported is provided. The inner ring (14) includes a first and a second securing ring (16a, 16b) which are connected together by at least one securing element (18) extending axially with respect to a centerline (M) of the inner ring (14). The at least one securing element (18) includes a vane bearing (20) which projects radially with respect to the centerline (M) and which corresponds to an associated guide vane (12) and is adapted for rotatably supporting the same. A method for manufacturing an annular guide vane assembly (10) of a turbomachine using such an inner ring (14) is also provided.

IPC 8 full level

F01D 17/16 (2006.01)

CPC (source: EP US)

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Cited by

EP3680453A1; US10746041B2

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