

Title (en)

ANGULAR SECTOR FOR TURBOMACHINE BLADING WITH IMPROVED SEALING

Title (de)

WINKELSEKTOR FÜR TURBOMASCHINENSCHAUFELN MIT VERBESSERTER ABDICHTUNG

Title (fr)

SECTEUR ANGULAIRE D'AUBAGE DE TURBOMACHINE A ETANCHEITE PERFECTIONNEE

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Application

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Abstract (en)

[origin: WO2019224476A1] The invention concerns an angular sector (34a) of a fixed blade ring of a turbomachine, in particular a stator or a guide vane assembly, said sector (34a) extending according to a predetermined angle around an axis of the fixed blade ring and comprising, relative to the axis of said fixed blade ring, a radially outer platform (38a), a radially inner platform (40a), at least two blades (42a) that extend between said platforms (38a, 40a), and at least one block of abradable honeycomb material (44a) that extends on the inside of the inner platform (38a) between transverse ends of the sector (34a), characterised in that the block (44a) of abradable material comprises at least one transverse end wall (52a) that is shaped according to a toothed profile (54a1, 54a2) comprising at least one radially oriented (R) tooth (56a1, 56a2) extending across an entire radial thickness of said block (44a). Abstract drawing: Figure 4. .

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