

Title (en)
Cooled turbomachine blade

Title (de)
Gekühlte Schaufel für eine Turbomaschine

Title (fr)
Aube réfrigérée de turbo-machine

Publication
EP 0562944 B1 19960515 (FR)

Application
EP 93400741 A 19930323

Priority
FR 9203583 A 19920325

Abstract (en)
[origin: EP0562944A1] The invention relates to a turbo machine blade including internal recesses (6, 19, 20) for the circulation of a refrigerant fluid and an external wall (4) which is traversed by rows of orifices connecting the said internal recesses to the external environment of the blade and which includes a leading edge. Two first rows of orifices (81, 82) extend in the zone of the leading edge, the orifices (81, 82) being orientated (A 81, A 82) in the direction opposite the central line (3) of the leading edge, with respect to the said row. One application is the production of a high-performance gas turbine. <IMAGE>

IPC 1-7
F01D 5/18

IPC 8 full level
F01D 5/18 (2006.01)

CPC (source: EP US)
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Cited by
FR3067390A1; US5772398A; US6050777A; EP0666406A1; FR2715693A1; US5496151A; EP1898051A3; US11073025B2; WO2018189434A3; US6264428B1; EP0785339A1; WO9531631A1; WO9515430A1

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