

Title (en)

BLADE GRID FOR A TURBINE AND TURBINE COMPRISING SUCH A BLAD GRID

Publication

**EP 0020433 B1 19830803 (FR)**

Application

**EP 79901211 A 19800422**

Priority

FR 7828459 A 19781005

Abstract (en)

[origin: WO8000728A1] A grid of blades for a turbine comprising a cascade of blade arranged between a ceiling (12) and a floor (11) defining a series of channels (3). This grid comprises communications (13, 23) drilled into the ceiling (12) and/or the floor (11) opening into one end at the vicinity of the inner face of the blades at the neck (10) of the channel and at the other end down stream of the grid. Decrease of the inner face over-pressure only at right angles with the floor (11) and the ceiling (12) causing a decrease of secondary losses, while the distribution of the pressure remains optimum in the same part of the channel.

IPC 1-7

**F01D 5/14**; **F04D 29/68**

IPC 8 full level

**F01D 5/14** (2006.01); **F01D 9/02** (2006.01); **F04D 29/68** (2006.01)

CPC (source: EP US)

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Cited by

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**WO 8000728 A1 19800417**; BE 886657 A 19810615; DE 2966029 D1 19830908; EP 0020433 A1 19810107; EP 0020433 B1 19830803; FR 2438155 A1 19800430; FR 2438155 B1 19810814; JP S55500786 A 19801016; US 4335995 A 19820622

DOCDB simple family (application)

**FR 7900089 W 19791004**; BE 886657 A 19801215; DE 2966029 T 19791004; EP 79901211 A 19800422; FR 7828459 A 19781005; JP 50162079 A 19791004; US 19679280 A 19800605