

Title (en)  
SHROUDED MULTISTAGE TURBINE

Publication  
**EP 0118769 A3 19850424 (DE)**

Application  
**EP 84101311 A 19840209**

Priority  
DE 3308140 A 19830308

Abstract (en)  
[origin: US4571937A] A multi-stage turbine having shrouded turbine blades which has a stationary guide grid arranged between the rotor shroud and the turbine casing. By virtue of the construction of the guide grid, leakage and cooling air (escape air) of the rotor blade can be adapted to the low whirl of the main stream passing through the rotor to effectively prevent misaligned entry into the following turbine stage.

IPC 1-7  
**F01D 11/00**

IPC 8 full level  
**F01D 11/00** (2006.01); **F01D 11/08** (2006.01)

CPC (source: EP US)  
**F01D 11/00** (2013.01 - EP US); **F01D 11/08** (2013.01 - EP US)

Citation (search report)  
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• [Y] GB 1364511 A 19740821 - MO ENERGETICHESKIJ INSTITUT  
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Designated contracting state (EPC)  
CH DE FR GB IT LI SE

DOCDB simple family (publication)  
**EP 0118769 A2 19840919; EP 0118769 A3 19850424; EP 0118769 B1 19870408**; DE 3308140 A1 19840913; DE 3308140 C2 19851219; DE 3463070 D1 19870514; JP S59168202 A 19840921; US 4571937 A 19860225

DOCDB simple family (application)  
**EP 84101311 A 19840209**; DE 3308140 A 19830308; DE 3463070 T 19840209; JP 4149084 A 19840306; US 58683584 A 19840306