

Title (en)

Final stage for an axial turbine

Title (de)

Endstufe für axialdurchströmte Turbine

Title (fr)

Etage final pour turbine axial

Publication

EP 0916812 B1 20030305 (DE)

Application

EP 97810873 A 19971117

Priority

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Abstract (en)

[origin: EP0916812A1] The end stage has a row of stator blades (10) and a row of narrowing rotor blades (20). The stator blades are swept forward axially at the rotor-side head end and swept back at the stator-side end, relative to the run of the rotor-side channel limit (2). The sweep-forward of the trailing edge (12) of the stator blades covers most of the radial extent parallel to the leading edge (21) of the rotor blades.

IPC 1-7

F01D 9/04; **F01D 5/14**

IPC 8 full level

F01D 5/14 (2006.01); **F01D 9/04** (2006.01)

CPC (source: EP US)

F01D 5/141 (2013.01 - EP US); **F01D 5/142** (2013.01 - EP US); **F01D 9/041** (2013.01 - EP US)

Cited by

WO2008128877A1; DE102008004014A1; CN102235241A; EP2075408A3; EP3530880A1; DE102018202888A1; EP2568120A3; US11629599B2; US11220911B2; US8167548B2; US11566530B2; WO2009118234A1; US8043052B2

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