

Title (en)  
Stator for an axial-flow turbine

Title (de)  
Stator für eine Axialturbine

Title (fr)  
Stateur pour turbine axiale

Publication  
**EP 1531235 A2 20050518 (EN)**

Application  
**EP 04105587 A 20041108**

Priority  
IT TO20030894 A 20031111

Abstract (en)  
A vane stator (6) of an axial-flow turbine (1) has a first and a second surface (10, 11) facing each other and radially defining an annular conduit (12) in which a drive fluid flows in use; the conduit defines, in radial section with respect to the axis (2) of the turbine (1), a mean flow direction (13) of the drive fluid; and the first and second surface (10, 11) have respective annular portions (16, 17), which both converge, in the flow direction, towards the mean flow direction (13).

IPC 1-7  
**F01D 9/04**

IPC 8 full level  
**F01D 9/04** (2006.01); **F01D 5/14** (2006.01)

CPC (source: EP)  
**F01D 5/143** (2013.01); **F01D 9/02** (2013.01); **F01D 9/04** (2013.01); **F01D 9/041** (2013.01); **F05D 2250/323** (2013.01); **F05D 2270/17** (2013.01)

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