

Title (en)  
Stator vane for steam turbine

Title (de)  
Leitschaufel für Dampfturbinen

Title (fr)  
Aube statorique de turbine à vapeur

Publication  
**EP 0872628 A3 19991208 (DE)**

Application  
**EP 98106798 A 19980415**

Priority  
DE 19715966 A 19970417

Abstract (en)  
[origin: EP0872628A2] Each individual guide blade (2,3) is hollow and together with a head and a foot piece (4,5) forms a unified welding construction of metal plate. The foot pieces of all guide blades are suspendable in static accommodations of the turbine housing. All head and foot pieces consist of preferably two spaced apart plates similar to boiler plates (8,9,10,11), which through the arrangement of ribs, form pieces, strips or similar (12-15) form head and foot pieces stable on all sides. Facing plates (9,10) of the stable pieces act as welding plates for the face ends of the hollow blades (3).

IPC 1-7  
**F01D 9/04**; **F01D 5/18**; **F01D 5/14**

IPC 8 full level  
**F01D 5/14** (2006.01); **F01D 5/18** (2006.01); **F01D 9/04** (2006.01)

CPC (source: EP US)  
**F01D 5/147** (2013.01 - EP US); **F01D 5/18** (2013.01 - EP US); **F01D 9/041** (2013.01 - EP US); **F05D 2230/60** (2013.01 - EP US)

Citation (search report)

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