

Title (en)
Axial turbine

Title (de)
Axialturbine

Title (fr)
Turbine axiale

Publication
EP 0999349 A3 20020313 (DE)

Application
EP 99810971 A 19991027

Priority
DE 19850732 A 19981104

Abstract (en)
[origin: EP0999349A2] The axial turbine has a rotor (6) provided with a number of rotor blades (7), spaced axially from a jet ring (15) with a number of guide vanes (14) between inner and outer rings (12,13). The separation edge (17) provided between the outer ring (13) of the jet ring and the cover (8) around the outside of the rotor lies on the rotor blade side of the axial center plane (20) through the axial gap (18) between the rotor and the jet ring.

IPC 1-7
F01D 25/24; **F01D 9/04**

IPC 8 full level
F02B 39/00 (2006.01); **F01D 5/00** (2006.01); **F01D 5/14** (2006.01); **F01D 5/20** (2006.01); **F01D 9/02** (2006.01); **F01D 9/04** (2006.01); **F01D 25/24** (2006.01)

CPC (source: EP KR US)
F01D 5/00 (2013.01 - KR); **F01D 5/145** (2013.01 - EP US); **F01D 5/20** (2013.01 - EP US); **F01D 9/02** (2013.01 - EP US)

Citation (search report)
• [XY] US 2849209 A 19580826 - NEIL BURGESS, et al
• [X] US 5988975 A 19991123 - PIZZI ANTONIO [CA]
• [Y] US 4655038 A 19870407 - LINSI ULRICH [CH]
• [Y] US 3532437 A 19701006 - STRUB RENE
• [A] GB 2061396 A 19810513 - ROLLS ROYCE

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EP2781695A1; EP1710395A3; EP1710395A2; US7901179B2; US8308421B2

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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