

Title (en)
Tubular vortex reducer

Title (de)
Wirbelgleichrichter in Röhrenbauweise

Title (fr)
Tube réducteur de tourbillon

Publication
EP 1564373 B1 20070307 (DE)

Application
EP 05002838 A 20050210

Priority
DE 102004006775 A 20040211

Abstract (en)
[origin: EP1564373A1] The vortex reducer has radial secondary air tubes (2) arranged in a disk interspace and attached to a compressor disk (3) at their radially outward end sections (33). Radially inward sections (30) of the tubes are located in recesses of locating pads of the disk. The sections (33) of the tubes are carried radially in locating arms of the disk, where the sections are secured against radial inward movement by locking units.

IPC 8 full level
F01D 5/08 (2006.01); **F01D 17/10** (2006.01); **F04D 29/32** (2006.01); **F04D 29/58** (2006.01)

CPC (source: EP US)
F01D 5/08 (2013.01 - EP US); **F01D 17/105** (2013.01 - EP US); **F04D 29/321** (2013.01 - EP US); **F04D 29/584** (2013.01 - US); **F05D 2230/642** (2013.01 - EP US); **F05D 2260/30** (2013.01 - EP US)

Cited by
DE102008024146A1; EP2787169A1; DE102005034180B4; EP2123860A2; US8250870B2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
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