

Title (en)
Compressor stator stage

Title (de)
Statorstufe eines Verdichters

Title (fr)
Etage redresseur d'un compresseur

Publication
EP 1213483 B1 20060315 (FR)

Application
EP 00870290 A 20001206

Priority
EP 00870290 A 20001206

Abstract (en)
[origin: EP1213483A1] The diffuser stage comprises concentric external and internal (4) flanges connected to each other by a series of fixed blades (60,61,62). The interior flange has slots (42,42') for the passage of one end (51,51') of the blades. The blades have at this end a second cut-out (52,52') for the passage of an elastic retention and rigidifying piece (100) in order to hold them in pairs.

IPC 8 full level
F04D 29/54 (2006.01); **F01D 9/04** (2006.01)

CPC (source: EP US)
F01D 9/042 (2013.01 - EP US); **F04D 29/542** (2013.01 - EP US)

Cited by
EP3406854A1; EP3412873A1; US10590783B2; EP2072760A1; EP2746538A1; US9771815B2; US10767503B2

Designated contracting state (EPC)
BE DE FR GB

DOCDB simple family (publication)
EP 1213483 A1 20020612; EP 1213483 B1 20060315; DE 60026686 D1 20060511; DE 60026686 T2 20061005; US 2002085913 A1 20020704; US 6655912 B2 20031202

DOCDB simple family (application)
EP 00870290 A 20001206; DE 60026686 T 20001206; US 112201 A 20011130