

Title (en)
Compressor

Title (de)
Verdichter

Title (fr)
Compresseur

Publication
EP 2407673 A1 20120118 (DE)

Application
EP 10007156 A 20100712

Priority
EP 10007156 A 20100712

Abstract (en)
The compressor (10) has a housing (16) limiting radially outside an annular flow channel (20). A guide vane (14) of a guide vane collar i.e. intake guide vane collar, is rotatably mounted in the housing and extends through the flow channel. A spigot (38) i.e. hollow shaft, extends through the housing for rotating the guide vane. An end (40) of the spigot is connected with the guide vane. The guide vane comprises a platform (32) at a housing side, where the platform is connected with the spigot. A clamping screw (48) extends longitudinally by the spigot and is screwed in a truncated cone (36).

Abstract (de)
Die Erfindung betrifft einen Verdichter 10 mit verstellbaren Leitschaufeln 14, bei denen das Schaufelblatt 28 der Leitschaufel 14 durch den Strömungskanal 20 dem Verdichter 10 entnehmbar ist. Um dies zu erreichen wird vorgeschlagen, dass der im Gehäuse 16 zur drehbaren Lagerung der Leitschaufel 14 erforderliche Zapfen 38 vom Schaufelblatt 28 lösbar ist.

IPC 8 full level
F04D 29/56 (2006.01)

CPC (source: EP)
F04D 29/563 (2013.01)

Citation (search report)
• [X] US 2004240990 A1 20041202 - ROCKLEY CHRISTOPHER I [GB]
• [X] EP 1892422 A1 20080227 - SIEMENS AG [DE]
• [X] EP 1818509 A1 20070815 - SIEMENS AG [DE]

Cited by
US2020182082A1; EP2980366A1; EP3667030A1; US10830087B2; US9988927B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
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