

Title (en)
Turbomachine compressor

Title (de)
Turbomaschinenverdichter

Title (fr)
Compresseur de turbomachine

Publication
EP 1936125 A1 20080625 (FR)

Application
EP 06292027 A 20061222

Priority
EP 06292027 A 20061222

Abstract (en)
The compressor (10) has a cylindrical case (16) formed with annular ferrules (20, 22) that hold annular rows of straightening vanes (14). The ferrules have cylindrical edges (26, 28) to carry annular flanges (30, 30'), arranged at equal distance from the ferrules, for fixing the ferrules between the edges. The edges form an annular groove around movable vanes (12) placed between the ferrules for assembling an abratable element, where the internal diameter of the groove is higher than the external diameter of a theoretical vein in a part of the case.

Abstract (fr)
Compresseur (10) de turbomachine, comprenant un carter cylindrique (16) formé de viroles annulaires (20, 22) portant chacune une rangée annulaire d'aubes fixes (14) et ayant à leurs extrémités axiales des brides annulaires (30, 30') de fixation des viroles entre elles, les brides de fixation de deux viroles adjacentes étant en direction axiale sensiblement au milieu d'une rangée annulaire d'aubes mobiles (12) située entre ces viroles.

IPC 8 full level
F01D 25/24 (2006.01)

CPC (source: EP)
F01D 25/243 (2013.01)

Citation (applicant)
• WO 9525879 A1 19950928 - UNITED TECHNOLOGIES CORP [US]
• GB 960812 A 19640617 - ROLLS ROYCE

Citation (search report)
• [X] WO 9525879 A1 19950928 - UNITED TECHNOLOGIES CORP [US]
• [X] GB 960812 A 19640617 - ROLLS ROYCE

Cited by
FR3098241A1; EP2733314A1; US10100674B2; US8926277B2

Designated contracting state (EPC)
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Designated extension state (EPC)
AL BA HR MK RS

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