

Title (en)
TURBINE ENGINE COMPRESSOR WITH RING COMPRISING ELEVATIONS

Title (de)
AXIALER TURBOMASCHINENVERDICHTER MIT RING MIT ERHEBUNGEN

Title (fr)
COMPRESSEUR DE TURBOMACHINE AXIALE AVEC VIROLE À BOSSES

Publication
EP 3477049 B1 20231122 (FR)

Application
EP 18194178 A 20180913

Priority
BE 201705764 A 20171026

Abstract (en)
[origin: US2019128121A1] A low-pressure compressor for an axial-flow turbomachine, such as a jet engine, includes an annular row of vanes and a between-vanes passage with a connecting surface that links the pressure surface of a first vane to the suction surface of a second vane of the row. The connecting surface includes a main protuberance which includes a first elevation and a second elevation that are spaced apart from one another.

IPC 8 full level
F01D 5/14 (2006.01); **F04D 29/32** (2006.01); **F04D 29/54** (2006.01); **F04D 29/68** (2006.01)

CPC (source: EP US)
F01D 5/143 (2013.01 - EP US); **F01D 9/041** (2013.01 - US); **F04D 29/321** (2013.01 - EP US); **F04D 29/542** (2013.01 - EP US); **F04D 29/681** (2013.01 - EP US); **F05D 2240/121** (2013.01 - US); **F05D 2240/122** (2013.01 - US); **F05D 2240/123** (2013.01 - US); **F05D 2240/124** (2013.01 - US); **F05D 2250/71** (2013.01 - EP US); **F05D 2250/711** (2013.01 - US); **F05D 2250/712** (2013.01 - US)

Cited by
EP4089264A1; US11585223B2

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 RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3477049 A1 20190501; **EP 3477049 B1 20231122**; BE 1025668 A1 20190521; BE 1025668 B1 20190527; US 11377960 B2 20220705; US 2019128121 A1 20190502

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EP 18194178 A 20180913; BE 201705764 A 20171026; US 201816143642 A 20180927