

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)  
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DOCDB simple family (publication)  
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**EP 18194178 A 20180913**; BE 201705764 A 20171026; US 201816143642 A 20180927