

Title (en)
Turbofan

Title (de)
Turbolüfter

Title (fr)
Turboventilateur

Publication
EP 2792886 B1 20170802 (EN)

Application
EP 14152662 A 20140127

Priority
KR 20130043387 A 20130419

Abstract (en)
[origin: EP2792886A2] Provided is a turbofan (200). The turbofan (200) comprises a main plate (115) rotating by a fan motor (120) providing power; and a plurality of blades (400) having one ends connected to the main plate (115), the plurality of blades (400) being disposed along a circumferential direction on the main plate (115), wherein each of the plurality of blades (400) comprises: a first curved part (421) curved in one direction with respect to an extension part (500); and a second curved part (422) curved in the other direction with respect to the extension part (500), wherein a plurality of projections (423) protruding in one direction from the one end of the blade (400) and a plurality of grooves (424) protruding in the other direction are alternately disposed on the first (421) and second (422) curved parts.

IPC 8 full level
F04D 29/28 (2006.01); **F04D 29/30** (2006.01); **F04D 29/66** (2006.01); **F04D 29/68** (2006.01)

CPC (source: EP KR US)
F04D 29/281 (2013.01 - EP US); **F04D 29/282** (2013.01 - EP US); **F04D 29/30** (2013.01 - EP KR US); **F04D 29/666** (2013.01 - EP US); **F04D 29/681** (2013.01 - EP US); **F24F 1/00** (2013.01 - KR); **F05D 2240/304** (2013.01 - EP US)

Cited by
EP3663588A1; US11353041B2

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

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