

Title (en)
FAN BLADE

Title (de)
VENTILATORSCHAUFEL

Title (fr)
AUBE DE VENTILATEUR

Publication
EP 2047107 B1 20110112 (DE)

Application
EP 07788132 A 20070801

Priority
• EP 2007057963 W 20070801
• DE 202006011898 U 20060803

Abstract (en)
[origin: US2009324413A1] The present invention relates to a fan blade for axial fans with a blade body comprising an inner inlaid part and an outer blade shaped part partially enclosing said inner inlaid part. The outer blade is made of a material of lower rigidity than the inlaid part. The inlaid part is constructed as a substantially flat metal part adapted to the shape of the blade body and in the fan blade base region has an unencapsulated smooth fixing section.

IPC 8 full level
F04D 29/34 (2006.01); **F04D 29/38** (2006.01)

CPC (source: EP US)
F04D 29/388 (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2009324413 A1 20091231; **US 8167564 B2 20120501**; AT E495368 T1 20110115; CN 101473141 A 20090701; CN 101473141 B 20120523; DE 202006011898 U1 20071213; DE 502007006253 D1 20110224; EP 2047107 A1 20090415; EP 2047107 B1 20110112; ES 2356398 T3 20110407; PT 2047107 E 20110201; WO 2008015233 A1 20080207

DOCDB simple family (application)
US 37583407 A 20070801; AT 07788132 T 20070801; CN 200780023165 A 20070801; DE 202006011898 U 20060803; DE 502007006253 T 20070801; EP 07788132 A 20070801; EP 2007057963 W 20070801; ES 07788132 T 20070801; PT 07788132 T 20070801