

Title (en)

FAN PROPELLER, IN PARTICULAR FOR MOTOR VEHICLES

Title (de)

LÜFTERPROPELLER, INSBESONDERE FÜR KRAFTFAHRZEUGE

Title (fr)

HELICE DE VENTILATEUR, EN PARTICULIER POUR VEHICULES AUTOMOBILES

Publication

**EP 1996818 A1 20081203 (FR)**

Application

**EP 07726892 A 20070314**

Priority

- EP 2007052401 W 20070314
- FR 0602510 A 20060323

Abstract (en)

[origin: WO2007107489A1] The invention concerns a fan propeller (10) comprising a hub (14) and blades (12) extending radially outwards from the hub, the blades having a flattened cross-section with an aircraft wing profile including a leading edge (24) and a trailing edge (26) between which is defined a chord. The blade (12) has a relative thickness up to a maximum value ( $E_{\text{max}}$ ) in the first quarter of the chord length starting from the leading edge (24), the relative thickness being defined by the ratio between the thickness of the blade and the length of the chord. The invention is applicable in particular to cooling propellers in motor vehicle engines.

IPC 8 full level

**F04D 29/38** (2006.01)

CPC (source: EP US)

**F04D 29/384** (2013.01 - EP US)

Citation (search report)

See references of WO 2007107489A1

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)

**FR 2898943 A1 20070928; FR 2898943 B1 20120831**; CN 101427030 A 20090506; CN 101427030 B 20130123; EP 1996818 A1 20081203; EP 1996818 B1 20140305; ES 2467890 T3 20140613; JP 2009530539 A 20090827; JP 5362545 B2 20131211; PL 1996818 T3 20140930; US 2009311101 A1 20091217; US 8186957 B2 20120529; WO 2007107489 A1 20070927

DOCDB simple family (application)

**FR 0602510 A 20060323**; CN 200780014613 A 20070314; EP 07726892 A 20070314; EP 2007052401 W 20070314; ES 07726892 T 20070314; JP 2009500825 A 20070314; PL 07726892 T 20070314; US 29393307 A 20070314