

Title (en)
WIND WHEEL

Title (de)
WINDRAD

Title (fr)
ROUE ÉOLIENNE

Publication
EP 2142793 A2 20100113 (DE)

Application
EP 08714315 A 20080403

Priority
• AT 2008000121 W 20080403
• AT 5382007 A 20070405

Abstract (en)
[origin: WO2008122064A2] The invention relates to a wind wheel (1) for a low-speed wind power installation, comprising a plurality of rotor blades (2). In order to use said wind wheel during weak and gusty winds, the wind wheel (1) comprises at least one acceleration ring (3) connecting the rotor blades (2), for air acceleration in the normal direction in relation to the plane of the wind wheel (1).

IPC 8 full level
F03D 1/02 (2006.01); **F03D 1/04** (2006.01); **F03D 1/06** (2006.01)

CPC (source: EP US)
F03D 1/025 (2013.01 - EP); **F03D 1/0608** (2013.01 - EP US); **F05B 2240/2211** (2013.01 - EP US); **F05B 2240/33** (2013.01 - EP US); **Y02E 10/72** (2013.01 - EP US)

Citation (search report)
See references of WO 2008122064A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
WO 2008122064 A2 20081016; **WO 2008122064 A3 20090312**; AT 505351 A1 20081215; AT 505351 B1 20090315; AU 2008235238 A1 20081016; AU 2008235238 B2 20130613; CN 101668944 A 20100310; CN 101668944 B 20120118; EA 016423 B1 20120430; EA 200970920 A1 20100430; EP 2142793 A2 20100113; US 2010135809 A1 20100603

DOCDB simple family (application)
AT 2008000121 W 20080403; AT 5382007 A 20070405; AU 2008235238 A 20080403; CN 200880011221 A 20080403; EA 200970920 A 20080403; EP 08714315 A 20080403; US 59450408 A 20080403