

Title (en)
WIND TURBINE

Title (de)
WINDTURBINE

Title (fr)
ÉOLIENNE

Publication
EP 2561220 A4 20130814 (EN)

Application
EP 11828243 A 20110930

Priority
• ES 201001259 A 20100930
• IB 2011054318 W 20110930

Abstract (en)
[origin: WO2012042507A2] The wind turbine has a rotor which is rotatably, around a substantially vertical rotational axis, and functionally coupled to a stator for generating energy. The rotor comprises at least one blade, and a rotor frame for supporting the blades. The wind turbine is characterized in that, in operation of the wind turbine, the blades are freely pivotally coupled to the rotor frame in at least flapping.

IPC 8 full level
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CPC (source: EP)
F03D 3/005 (2013.01); **F03D 3/064** (2013.01); **F03D 3/067** (2013.01); **Y02E 10/74** (2013.01)

Citation (search report)
• [X] US 4334823 A 19820615 - SHARP PETER A
• [X] WO 2009130323 A2 20091029 - TURBOWINDS S A [BE], et al
• [X] US 4449889 A 19840522 - BELDEN RALPH A [TW]
• [X] WO 2010108120 A2 20100923 - BELDEN RALPH A [US]
• [XP] DE 102009043785 A1 20110331 - JOCHLER JUERGEN [DE]
• See references of WO 2012042507A2

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

DOCDB simple family (publication)
WO 2012042507 A2 20120405; WO 2012042507 A3 20120531; WO 2012042507 A9 20120719; EP 2561220 A2 20130227;
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