

Title (en)
PRODUCTION OF A ROTOR BLADE SHELL

Title (de)
FERTIGUNG EINER ROTORBLATTSCHALE

Title (fr)
FABRICATION D'UNE COQUE DE PALE DE ROTOR

Publication
EP 2721289 A1 20140423 (DE)

Application
EP 12727299 A 20120601

Priority
• DE 102011077609 A 20110616
• EP 2012002326 W 20120601

Abstract (en)
[origin: WO2012171617A1] The invention relates to a method for producing a rotor blade shell (3, 3') for a rotor blade (2) of a wind turbine (1), wherein a surface stiffening element (6, 6', 7) is integrated in the rotor blade shell (3, 3') in order to increase the surface stiffness of the rotor blade shell (3, 3'), wherein a supporting body (16, 16', 24) is provided in order to position a bearing body (18) and/or a fiber material (22) for the surface stiffening element (6, 6', 7) in the production mold (10) for the rotor blade shell (3, 3'). The invention further relates to a rotor blade shell (3, 3') for a rotor blade (2) of a wind turbine (1), to a rotor blade (2) for a wind turbine (1), and to a wind turbine (1).

IPC 8 full level
F03D 1/06 (2006.01)

CPC (source: EP)
F03D 1/0675 (2013.01); **F05B 2230/604** (2013.01); **F05B 2240/30** (2013.01); **F05B 2240/301** (2013.01); **F05B 2280/2003** (2013.01); **F05B 2280/4002** (2013.01); **F05B 2280/6003** (2013.01); **F05B 2280/6012** (2013.01); **F05B 2280/6013** (2013.01); **F05B 2280/6015** (2013.01); **Y02E 10/72** (2013.01); **Y02P 70/50** (2015.11)

Citation (search report)
See references of WO 2012171617A1

Cited by
US10807771B2

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)
DE 102011077609 A1 20121220; DE 102011077609 B4 20150122; EP 2721289 A1 20140423; WO 2012171617 A1 20121220

DOCDB simple family (application)
DE 102011077609 A 20110616; EP 12727299 A 20120601; EP 2012002326 W 20120601