

Title (en)  
SYNCHRONOUS GENERATOR FOR A WIND TURBINE AND WIND TURBINE

Title (de)  
SYNCHRONGENERATOR FÜR EINE WINDENERGIEANLAGE UND WINDENERGIEANLAGE

Title (fr)  
GÉNÉRATEUR SYNCHRONE POUR ÉOLIENNE ET ÉOLIENNE

Publication  
**EP 3695485 A1 20200819 (DE)**

Application  
**EP 18785356 A 20181010**

Priority  
• DE 102017123836 A 20171013  
• EP 2018077597 W 20181010

Abstract (en)  
[origin: WO2019072913A1] The invention relates to a synchronous generator (111) for a wind turbine (100), comprising a rotor (300) and a stator (200). The stator (200) has a stator carrier (230) and a laminated stator core (220), which is formed from a plurality of stator laminations (220). The plurality of stator laminations (220) is arranged obliquely or in an arrow shape in the axial direction of the stator (200).

IPC 8 full level  
**H02K 1/18** (2006.01); **H02K 1/16** (2006.01); **H02K 7/18** (2006.01); **H02K 21/14** (2006.01)

CPC (source: EP)  
**H02K 1/165** (2013.01); **H02K 1/185** (2013.01); **H02K 7/1838** (2013.01); **H02K 21/14** (2013.01); **H02K 2201/06** (2013.01); **Y02E 10/72** (2013.01)

Citation (search report)  
See references of WO 2019072913A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2019072913 A1 20190418**; DE 102017123836 A1 20190418; EP 3695485 A1 20200819

DOCDB simple family (application)  
**EP 2018077597 W 20181010**; DE 102017123836 A 20171013; EP 18785356 A 20181010