

Title (en)
ELASTOMER BUSHING AND ELASTIC BEARING FOR WIND TURBINES

Title (de)
ELASTOMERBUCHSE UND ELASTISCHES LAGER FÜR WINDKRAFTANLAGEN

Title (fr)
BAGUE ÉLASTOMÈRE ET PALIER ÉLASTIQUE POUR ÉOLIENNES

Publication
EP 4189259 A1 20230607 (DE)

Application
EP 21749633 A 20210727

Priority
• DE 102020119832 A 20200728
• EP 2021071046 W 20210727

Abstract (en)
[origin: WO2022023364A1] The invention relates to an elastomer bushing for an elastic bearing of a drive train component of a wind turbine, in particular a transmission on a housing, such as a machine carrier, of a wind turbine, comprising two half-shells each made of an elastomer piece with a Shore hardness of more than 85 Shore A, at least one half-shell having an axial stiffness varying in the direction of its longitudinal axis.

IPC 8 full level
F16F 1/376 (2006.01); **F03D 80/70** (2016.01); **F16F 1/38** (2006.01); **F16F 1/387** (2006.01)

CPC (source: EP US)
F03D 80/70 (2016.05 - EP US); **F16F 1/3835** (2013.01 - EP US); **F16F 1/387** (2013.01 - EP US); **F05B 2240/50** (2013.01 - EP US); **F05B 2280/4003** (2013.01 - EP US); **F05B 2280/5001** (2013.01 - EP US); **F16F 2228/066** (2013.01 - EP US); **Y02E 10/72** (2013.01 - EP)

Citation (search report)
See references of WO 2022023364A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022023364 A1 20220203; CN 116075652 A 20230505; DE 102020119832 A1 20220217; EP 4189259 A1 20230607; US 2023235805 A1 20230727

DOCDB simple family (application)
EP 2021071046 W 20210727; CN 202180054767 A 20210727; DE 102020119832 A 20200728; EP 21749633 A 20210727; US 202118007176 A 20210727