

Title (en)
GLASS FIBER-FILLED POLYAMIDE

Title (de)
GLASFASERGEFÜLLTES POLYAMID

Title (fr)
POLYAMIDE CHARGÉ DE FIBRES DE VERRE

Publication
EP 3728448 A1 20201028 (EN)

Application
EP 17829443 A 20171218

Priority
US 2017067080 W 20171218

Abstract (en)
[origin: WO2019125379A1] The present disclosure relates to glass fiber-filled polyamide compositions. In various aspects, the present disclosure provides a composition including a polyamide having a relative viscosity (RV) of from ?20 to ?36. From ?10 to ? 62 weight percent of the composition is glass fibers blended with the polyamide, based on the weight of the polyamide including the glass fibers. The composition can have a polyamide RV of >22 to <30.2, an elongation-at-break of 4% to 20%, at least 5 wt% of the glass fibers have a length of equal to or greater than 700 microns, or a combination thereof.

IPC 8 full level
C08K 7/14 (2006.01); **C08J 5/04** (2006.01)

CPC (source: EP)
C08J 5/043 (2013.01); **C08K 7/14** (2013.01); **C08J 2377/06** (2013.01); **C08K 2201/004** (2013.01)

Citation (search report)
See references of WO 2019125379A1

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 2019125379 A1 20190627; EP 3728448 A1 20201028

DOCDB simple family (application)
US 2017067080 W 20171218; EP 17829443 A 20171218