

Title (en)
MOULDING COMPOSITIONS BASED ON POLYAMIDE, ON CARBON FIBRES AND ON HOLLOW GLASS BEADS AND USE THEREOF

Title (de)
FORMMASSEN AUF BASIS VON POLYAMID, AUF KOHLENSTOFFASERN UND AUF HOHLGLASKUGELN UND DEREN VERWENDUNG

Title (fr)
COMPOSITIONS DE MOULAGE À BASE DE POLYAMIDE, DE FIBRES DE CARBONE ET DE BILLES DE VERRE CREUSES ET LEUR UTILISATION

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Application
EP 21737719 A 20210614

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Abstract (en)
[origin: WO2021255372A1] Moulding composition, comprising by weight: • (A) from 38 to 79.5% of at least one semi-crystalline aliphatic polyamide with the exclusion of PA6 and PA66, • (B) from 10 to 20% of carbon fibres, • (C) from 10 to 20% of hollow glass beads; and • (D) from 5.5 to 10% of at least one impact modifier having a flexural modulus of less than 200 MPa, in particular less than 100 MPa, as measured according to standard ISO 178: 2010, at 23°C, • (E) from 0.1 to 1% by weight of at least one additive, the sum of the proportions of each constituent (A) + (B) + (C) + (D) + (E) of said composition being equal to 100%.

IPC 8 full level
C08L 77/02 (2006.01); **B29C 45/00** (2006.01); **C08G 69/40** (2006.01); **C08L 77/06** (2006.01); **B29K 77/00** (2006.01); **B29K 105/12** (2006.01); **B29K 105/16** (2006.01)

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Citation (search report)
See references of WO 2021255372A1

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