

Title (en)

BINDER FOR INJECTION MOLDING COMPOSITION

Title (de)

BINDEMITTEL FÜR SPRITZGUSSZUSAMMENSETZUNG

Title (fr)

LIANT POUR COMPOSITION DE MOULAGE PAR INJECTION

Publication

EP 3551367 A1 20191016 (FR)

Application

EP 17783879 A 20171017

Priority

- EP 16203041 A 20161208
- EP 2017076486 W 20171017

Abstract (en)

[origin: WO2018103931A1] Binder for injection molding composition comprising: - from 45% to 50% by volume of a polymer base, - at least 34% by volume of a mixture of waxes or a mixture of wax and palm oil, - and from 11% to 16% by volume of a surfactant, wherein the polymer base contains copolymers of ethylene and methacrylic or acrylic acid, or copolymers of ethylene comprising a maleic anhydride or a mixture of these copolymers, and also polyethylene, polypropylene and an acrylic resin, the respective amounts of the components of the binder being such that, added together, they do not exceed 100% by volume.

IPC 8 full level

B22F 3/22 (2006.01); **B22F 1/10** (2022.01); **B22F 1/103** (2022.01); **G04B 37/22** (2006.01); **G04D 3/00** (2006.01)

CPC (source: EP US)

B22F 1/10 (2022.01 - EP US); **B22F 1/103** (2022.01 - EP US); **B22F 3/225** (2013.01 - EP US); **C08L 91/06** (2013.01 - US); **G04B 37/22** (2013.01 - EP); **G04D 3/00** (2013.01 - EP)

Citation (search report)

See references of WO 2018103931A1

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)

EP 3332897 A1 20180613; CN 110062675 A 20190726; EP 3551367 A1 20191016; JP 2019535881 A 20191212; JP 2021073341 A 20210513; JP 7029555 B2 20220303; US 2019315964 A1 20191017; WO 2018103931 A1 20180614

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