

Title (en)

MIXING PART FOR A PLASTICISING UNIT OF A SCREW INJECTION MACHINE

Title (de)

MISCHTEIL FÜR EINE PLASTIFIZIEREINHEIT EINER SCHNECKENMASCHINE

Title (fr)

PIÈCE DE MÉLANGE POUR UNE UNITÉ DE PLASTIFICATION D'UNE MACHINE D'INJECTION À VIS

Publication

EP 4045248 A1 20220824 (DE)

Application

EP 20807658 A 20201015

Priority

- DE 102019127839 A 20191015
- DE 2020200089 W 20201015

Abstract (en)

[origin: WO2021073699A1] A plasticising unit of a screw injection machine, comprising a screw with a mixing part (200), and this mixing part (200) having a dispersion part (207) and a distribution part (208) and also having a flight depth (202), characterised in that the mixing part (200) has an elongation region and a shear region.

IPC 8 full level

B29B 7/42 (2006.01); **B29B 7/48** (2006.01); **B29C 48/535** (2019.01); **B29C 48/56** (2019.01); **B29C 48/60** (2019.01); **B29C 48/605** (2019.01); **B29C 48/615** (2019.01)

CPC (source: EP)

B29B 7/429 (2013.01); **B29B 7/489** (2013.01); **B29C 48/535** (2019.01); **B29C 48/56** (2019.01); **B29C 48/595** (2019.01); **B29C 48/60** (2019.01); **B29C 48/605** (2019.01); **B29C 48/61** (2019.01); **B29C 48/615** (2019.01); **B29C 48/67** (2019.01)

Citation (search report)

See references of WO 2021073699A1

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Designated extension state (EPC)

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