

Title (en)
RAPIER ROD

Title (de)
GREIFERSTANGE

Title (fr)
TIGE DE LANCE

Publication
EP 3911787 B1 20231206 (EN)

Application
EP 20702349 A 20200108

Priority
• BE 201905020 A 20190114
• IB 2020050110 W 20200108

Abstract (en)
[origin: WO2020148605A1] Rapier rod (1) for weaving machines, comprising a holder profile (2) that delimits a mounting cavity (3) with a bottom (4) and side walls (5) that are erected with respect to the bottom and a gear rack (6) with several teeth (7), which is mounted in the mounting cavity (3) and which is made of a thermoplastic material, wherein the holder profile (2) is made of a thermoplastic material that is compatible with the thermoplastic material of the gear rack (6) and that is reinforced with reinforcing fibres that extend mainly in the longitudinal direction of the holder profile (2) and wherein the gear rack (6) is bonded chemically to the holder profile (2).

IPC 8 full level
D03D 47/27 (2006.01)

CPC (source: EP)
D03D 47/273 (2013.01)

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

DOCDB simple family (publication)
WO 2020148605 A1 20200723; BE 1026970 A1 20200810; BE 1026970 B1 20200820; CN 113260748 A 20210813; CN 113260748 B 20230623; EP 3911787 A1 20211124; EP 3911787 B1 20231206

DOCDB simple family (application)
IB 2020050110 W 20200108; BE 201905020 A 20190114; CN 202080007513 A 20200108; EP 20702349 A 20200108