

Title (en)
CIRCULAR WEAVING MACHINE

Title (de)
RUNDWEBMASCHINE

Title (fr)
MÉTIER CIRCULAIRE

Publication
EP 3445902 B1 20201104 (DE)

Application
EP 17719989 A 20170421

Priority
• AT 503612016 A 20160422
• AT 2017060103 W 20170421

Abstract (en)
[origin: WO2017181212A1] The invention relates to a circular weaving machine (1), comprising a main axis (2e); a circular reed (2); a warp-band feeding device (3a) for feeding warp bands (4); at least two shuttles (12), which circulate along the circular reed (2) and each have a bobbin holder (15) for holding a weft bobbin (13; 13a, 13b) for rotation about the longitudinal axis (16) of the weft bobbin, wherein the bobbin holder (15) is designed to keep the longitudinal axis (16) of the weft bobbin (13) substantially parallel to the circulation direction (17) of the shuttle (12) as the shuttle (12) circulates; a weft-bobbin changing device (18) for replacing a weft bobbin (13) held in the bobbin holder (15) of the shuttle (12); and a guiding device (19) for guiding the changing device (18) between a standby position raised from the bobbin holder (15) and a changing position lowered to the bobbin holder (15).

IPC 8 full level
D03D 37/00 (2006.01)

CPC (source: AT EP)
D03D 37/00 (2013.01 - EP); **D03D 45/20** (2013.01 - AT)

Citation (examination)
• EP 3159441 A1 20170426 - STARLINGER & CO GMBH [AT]
• EP 2829645 A1 20150128 - STARLINGER & CO GMBH [AT]

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 2017181212 A1 20171026; AT 518070 A4 20170715; AT 518070 B1 20170715; BR 112018071443 A2 20190205;
BR 112018071443 B1 20220830; BR 112018071443 B8 20221011; CN 109072504 A 20181221; CN 109072504 B 20210413;
EP 3445902 A1 20190227; EP 3445902 B1 20201104

DOCDB simple family (application)
AT 2017060103 W 20170421; AT 503612016 A 20160422; BR 112018071443 A 20170421; CN 201780025039 A 20170421;
EP 17719989 A 20170421