

Title (en)

WARP KNITTING MACHINE AND METHOD FOR PRODUCING A WARP KNITTED ITEM

Title (de)

KETTENWIRKMASCHINE UND VERFAHREN ZUM HERSTELLEN EINER KETTENWIRKWARE

Title (fr)

PROCEDE DE PRODUCTION D'UN TRICOT AVEC UN METIER A TRICOTER A CHAINE ET METIER A TRICOTER A CHAINE

Publication

EP 3276062 B1 20180704 (DE)

Application

EP 16181606 A 20160728

Priority

EP 16181606 A 20160728

Abstract (en)

[origin: JP2018016933A] SOLUTION: There is disclosed a warp knitting machine comprising: knitting needles (3), yarn guide needles (1), and sinker assemblies comprising a knock-over edge (15) and a down holder (5). The knitting needles (3) are arranged side by side along a width direction. The yarn guide needles (1) are arranged side by side along the width direction. The sinker assemblies are arranged side by side along the width direction. EFFECT: The aim is to provide an extremely large manufacturability. Therefore, the sinker assembly comprises a knock-over sinker (4) and a down holder (5) separate from the knock-over sinker (4) and is configured to be capable of moving the knock-over sinkers (4) and the down holders (5) by a different motion in at least a part of each motion path. SELECTED DRAWING: Figure 1b

IPC 8 full level

D04B 27/06 (2006.01); **D04B 27/08** (2006.01)

CPC (source: CN EP KR)

D04B 21/00 (2013.01 - KR); **D04B 23/24** (2013.01 - CN); **D04B 27/04** (2013.01 - CN); **D04B 27/06** (2013.01 - EP); **D04B 27/08** (2013.01 - EP KR)

Cited by

EP3795729A1; WO2021053014A1; CN113638119A

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)

EP 3276062 A1 20180131; **EP 3276062 B1 20180704**; CN 107663709 A 20180206; CN 107663709 B 20200218; ES 2681446 T3 20180913; JP 2018016933 A 20180201; JP 6416341 B2 20181031; KR 101957429 B1 20190619; KR 20180013810 A 20180207; TR 201811140 T4 20180827; TW 201804043 A 20180201; TW 1730121 B 20210611

DOCDB simple family (application)

EP 16181606 A 20160728; CN 201610966362 A 20161028; ES 16181606 T 20160728; JP 2017143803 A 20170725; KR 20170096496 A 20170728; TR 201811140 T 20160728; TW 106119275 A 20170609