

Title (en)

MACHINE FOR CLEANING NEEDLE HOLDER PLATES FOR KNITTING MACHINES

Title (de)

MASCHINE ZUM REINIGEN VON NADELHALTERPLATTEN FÜR STRICKMASCHINEN

Title (fr)

MACHINE POUR NETTOYER DES PLAQUES DE PORTE-AIGUILLE POUR MACHINES DE TRICOTAGE

Publication

EP 2841632 B1 20160810 (EN)

Application

EP 13725821 A 20130422

Priority

- IT MO20120110 A 20120426
- IB 2013053165 W 20130422

Abstract (en)

[origin: WO2013160817A1] The machine (1) for cleaning needle holder plates for knitting machines comprises: - a base frame (12); - a washing tank (15), assembled on the base frame (12); - a supporting device (16) which can be placed in correspondence to said washing tank (15) and suitable for supporting, in a preset washing position, at least a needle holder plate (2) for knitting machines, the needle holder plate (2) comprising: - a plate-shaped body (3) having a work side (4) substantially rectilinear and a plurality of grooves (5) substantially transversal to the work side (4); and - a plurality of needles (6) for knitwear, housed sliding in the grooves (5) and having a work extremity (7) which protrudes overhanging from the work side (4); and - dispensing means (18) associated with the base frame (12) and suitable for dispensing a washing fluid (19) under pressure towards the needle holder plate (2) placed in the preset washing position.

IPC 8 full level

D04B 37/02 (2006.01)

CPC (source: EP RU)

B08B 3/024 (2013.01 - EP); **D04B 37/02** (2013.01 - EP); **D04B 37/02** (2013.01 - RU)

Citation (opposition)

Opponent : Maritex S.r.l.

- IT TV20110150 A1 20130505 - L G PROJECT S R L
- JP 2011162894 A 20110825 - SHIMA SEIKI MFG
- KR 20100111358 A 20101015 - LEE DAL YOUNG [KR]

Cited by

EP3715513A1; CN111748903A; KR20200115230A

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 2013160817 A1 20131031; BR 112014026629 A2 20170627; BR 112014026629 B1 20210504; CN 104246041 A 20141224; CN 104246041 B 20161005; EP 2841632 A1 20150304; EP 2841632 B1 20160810; ES 2601159 T3 20170214; HR P20161455 T1 20170127; HU E031816 T2 20170828; IT MO20120110 A1 20131027; PL 2841632 T3 20170228; RS 55322 B1 20170331; RU 2014140836 A 20160620; RU 2624177 C2 20170630; SI 2841632 T1 20161230

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