Title (en)
NEEDLE SELECTING ACTUATOR, AND WEFT KNITTING MACHINE

Title (de)
NADELSCHLOSS SOWIE KOLIERSTRICK- ODER -WIRKMASCHINE

Title (fr)
ACTIONNEUR DE SÉLECTION D'AIGUILE, ET MÉTIER À MAILLES CUEILLIES

Publication
EP 2100991 A4 20101222 (EN)

Application
EP 07828074 A 20071126

Priority
- JP 2007001297 W 20071126
- JP 2006320148 A 20061128

Abstract (en)
[origin: EP2100991A1] A needle selecting actuator and a flatbed knitting machine are provided to prevent a needle selection mistake caused by a lubricant that flows down on an attraction site. The needle selecting actuator (31) has grooves (33a, 33b, and 33c) formed in an attraction site (32). These grooves (33a, 33b, and 33c) are extended between the two ends of the attraction site (32) in the transverse direction of the drawing, in which an armature portion of a selector of a knitting needle moves relative to the attraction site (32) when a carriage carrying the needle selecting actuator (31) in a manner to include it in a needle selecting mechanism reciprocates along the needle bed. By using the needle selecting actuator (31) having these grooves (33a, 33b, and 33c) in place of the needle selecting actuator having no groove on an attraction site in a flat knitting machine, the lubricant is able to be scraped out and a needle selection mistake caused by adhesion of the lubricant is able to be reduced.

IPC 8 full level
D04B 15/82 (2006.01); **D04B 35/28** (2006.01)

CPC (source: EP)
D04B 15/78 (2013.01)

Citation (search report)
- [X] EP 1275762 A1 20030115 - SHIMA SEIKI MFG [JP]
- [X] EP 0748887 A1 19961218 - SHIMA SEIKI MFG [JP]
- [A] JP S51102151 A 19760909 - TOYODA AUTOMATIC LOOM WORKS
- See references of WO 2008065746A1

Cited by
ITMI20121091A1; CN109825942A; EP2570539A1; US9328439B2; WO2013189797A1; KR101387965B1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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