

Title (en)
Needle loom

Title (de)
Nadelwebmaschine

Title (fr)
Métier à tisser à aiguilles

Publication
EP 2019158 A1 20090128 (EN)

Application
EP 07425470 A 20070726

Priority
EP 07425470 A 20070726

Abstract (en)
A needle frame comprises at least one forming apparatus (3) for a textile product (P). The apparatus (3) has first devices (P1) designed to intercept a plurality of warp threads (O) fed to a bearing plate (4) for formation of the textile product (P), second devices (P2) designed to intercept at least one weft thread (T) fed to the bearing plate (4), at least one sickle (11) to carry the weft thread (T) transversely of the warp threads (O), third devices (P3) designed to temporarily retain the weft thread (T) carried by the sickle (11), and a reed (20) for compacting the weft thread (T) against the already formed textile product (P). There are dedicated fluid-operated or electromechanical actuators (21) and they are operatively connected to each of the first devices (P1) and/or each of the second devices (P2) and/or the sickle (11) and/or each of the third devices (P3) and/or the reed (20) to move the first devices (P1) and/or the second devices (P2) and/or the sickle (11) and/or the third devices (P3) and/or the reed (20).

IPC 8 full level
D03C 13/00 (2006.01); **D03D 35/00** (2006.01); **D03D 47/06** (2006.01); **D03D 47/38** (2006.01); **D03D 47/42** (2006.01); **D03D 49/60** (2006.01)

CPC (source: EP)
D03C 13/00 (2013.01); **D03D 35/00** (2013.01); **D03D 47/06** (2013.01); **D03D 47/38** (2013.01); **D03D 47/42** (2013.01); **D03D 49/60** (2013.01)

Citation (search report)
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