

Title (en)
Knitting machine, particularly warp knitting machine

Title (de)
Wirkmaschine, insbesondere Kettenwirkmaschine

Title (fr)
Métier à tricoter, notamment métier à tricoter chaîne

Publication
EP 1367164 A3 20040929 (DE)

Application
EP 03011868 A 20030527

Priority
DE 10224429 A 20020601

Abstract (en)
[origin: EP1367164A2] A warp knitting loom has numerous bars with power-driven (50) knitting needles. The drive system (50) has a number of individual drives (51M, 51S), with two or more groups (I, II, III) of associated control units (61M, 51S, 51). The first group (I) is the leading group and the following groups (II, III) are subordinate. Within each group one control unit (51M) is the lead unit, and the subsequent control units (51S) are subordinate. The drive system (50) has a main shaft (20) with a position-sender (30) linked to the lead control unit (51M) in the first lead control (I). The groups (I, II, III) are arranged in a ring circuit with a group signal circuit (55). The first group (I) is linked to the others (II, III) by the group circuit (55), which is linked by the next (II) and subsequent (III) group. The last group (III) is linked to the first (I) by a return cable (56). The shaft position sender signals sent via the group cable (55) have priority.

IPC 1-7
D04B 27/26

IPC 8 full level
D04B 27/26 (2006.01)

CPC (source: EP KR)
D04B 27/08 (2013.01 - KR); **D04B 27/26** (2013.01 - EP)

Citation (search report)

- [A] EP 0600263 A2 19940608 - WIRKBAU TEXTILMASCH GMBH [DE]
- [A] DD 229233 A
- [A] US 6069465 A 20000530 - DE BOOIS KARL [NL], et al

Cited by
CN104294476A; CN104032477A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1367164 A2 20031203; EP 1367164 A3 20040929; EP 1367164 B1 20070905; CN 1277970 C 20061004; CN 1468994 A 20040121; DE 10224429 A1 20031218; DE 10224429 B4 20071129; DE 50308096 D1 20071018; ES 2289211 T3 20080201; JP 2004003099 A 20040108; KR 100487913 B1 20050504; KR 20030093923 A 20031211; TW 200307774 A 20031216; TW I244518 B 20051201

DOCDB simple family (application)
EP 03011868 A 20030527; CN 03138293 A 20030530; DE 10224429 A 20020601; DE 50308096 T 20030527; ES 03011868 T 20030527; JP 2003135375 A 20030514; KR 20030009616 A 20030215; TW 92114466 A 20030528