

Title (en)
DEVICE FOR TRANSLATING WOVEN PATTERN INTO MECHANICAL OPERATION

Publication
EP 0091962 B1 19861230 (EN)

Application
EP 81902957 A 19811028

Priority
JP 8100302 W 19811028

Abstract (en)
[origin: EP0091962A1] A device for translating woven pattern information into a mechanical operation, which has signal output means (22) for producing the woven pattern information as an electric signal, and a mechanism (10) for converting the output electric signal from said output means into a mechanical operation. The mechanism (10) has several actuators (13) cooperatively connected to several mechanical transmitting means (7) or (57) for warp operation information. The actuator (13) has a magnetic unit (31) and an excitor winding (32) for selectively exciting the magnetic unit (31) in accordance with the output electric signal. The mechanism (10) further has a structure disposed at a predetermined position (14) and is composed of a permanent magnet (34) in cooperation with the magnetic unit (31) of the actuator (13). Each actuator (13) may be positioned at two positions isolated from one pole of the permanent magnet (34) and attracted to one pole of the magnet, and selects the warp operation information by selection between the two positions.

IPC 1-7
D03C 3/20; **D03C 17/06**

IPC 8 full level
D03C 3/20 (2006.01); **D03C 17/06** (2006.01)

CPC (source: EP)
D03C 3/20 (2013.01); **D03C 17/06** (2013.01)

Cited by
CN100436676C; CN101876116A; EP0144874A3; CN101876117A; GB2311301A; GB2311301B; EP0459922A1; FR2662710A1

Designated contracting state (EPC)
CH DE FR GB LI NL

DOCDB simple family (publication)
EP 0091962 A1 19831026; **EP 0091962 A4 19840301**; **EP 0091962 B1 19861230**; **EP 0091962 B2 19911106**; BE 892127 A 19820527; DE 3175762 D1 19870205; IT 1149630 B 19861203; IT 8219628 A0 19820212; WO 8301633 A1 19830511

DOCDB simple family (application)
EP 81902957 A 19811028; BE 207308 A 19820212; DE 3175762 T 19811028; IT 1962882 A 19820212; JP 8100302 W 19811028