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.

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IPC 8 full level

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CPC (source: EP)

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Cited by

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