

Title (en)

Computer controlled modular electromagnetic device for driving warp yarns for making figured fabrics.

Title (de)

Elektromagnetische modulare, computergesteuerte Kettfadensteuervorrichtung für die Bildweberei.

Title (fr)

Dispositif électromagnétique modulaire commandé par ordinateur pour la sélection de fils de chaîne pour le tissage des tissus façonnés.

Publication

**EP 0439440 A1 19910731 (EN)**

Application

**EP 91830020 A 19910123**

Priority

IT 1912990 A 19900123

Abstract (en)

There is disclosed a computer controlled modular electromagnetic device for driving warp yarns for making figured fabrics. The device substantially comprises two rods (2,2 min ) of any suitable shape, which can slide along parallel vertical guides formed along a substantially elongated parallelepipedal body, under the control of conventional blade members (7) which are driven with opposite reciprocating movements. The mentioned rods jointly restrain, through a flexible connecting element (17), a first sheave (18) coupled to a second sheave (19) coplanar with the first sheave and operating on the central element of the link arrangement of a heddle. Between the two rods there is arranged an electromagnet (13) which is power supplied under the control of a programmed computer, the electromagnet being adapted to restrain, through lever arm members (10), one of the mentioned rods. <IMAGE>

IPC 1-7

**D03C 3/20**

IPC 8 full level

**D03C 3/20** (2006.01)

CPC (source: EP)

**D03C 3/20** (2013.01)

Citation (search report)

- [Y] EP 0219437 A1 19870422 - STAUBLI VERDOL [FR]
- [Y] EP 0119787 A2 19840926 - BONAS MACHINE CO [GB]
- [A] EP 0098428 A2 19840118 - TEXTILMA AG [CH]
- [A] EP 0330624 A2 19890830 - BOBBIO BENEDETTO
- [A] EP 0287921 A1 19881026 - GROSSE WEBEREIMASCHINEN GMBH [DE]
- [A] EP 0348338 A1 19891227 - SCHLEICHER OSKAR FA [DE]

Cited by

CN105483894A; EP0697477A3; EP0494044A1; EP1106720A1; EP0801160A1; BE1010134A3; US5813441A; US5819813A

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