

Title (en)
Electronic laser warp stop motion device.

Title (de)
Elektrischer Laser-Kettfadenwächter.

Title (fr)
Dispositif casse-fil électrique à laser.

Publication
EP 0350776 A1 19900117 (EN)

Application
EP 89112266 A 19890705

Priority
IT 2140088 A 19880715

Abstract (en)
Electronic warp stop motion device, of the type wherein the breaking of a warp yarn, causing the dropping of a corresponding lamina, interrupts a luminous beam between the sending part and the receiving part of one of a plurality of photoelectric cells, provided to each control a corresponding row of warp yarns, to have said breakages signalled and to stop the loom. The photoelectric cells of said device use beams of coherent light produced by a laser source.

IPC 1-7
D03D 51/28

IPC 8 full level
D03D 51/28 (2006.01)

CPC (source: EP)
D03D 51/28 (2013.01)

Citation (search report)
• [X] FR 2150357 A1 19730406 - NORDISKA MASKINFILT AB
• [X] DE 2034485 A1 19720120
• [X] DE 2628664 A1 19771229 - JAEGER EMIL KG
• [A] EP 0234630 A1 19870902 - PICANOL NV [BE]

Cited by
FR2784697A1; BE1011182A5; EP0915633A1; US6043477A

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0350776 A1 19900117; IT 1226331 B 19910108; IT 8821400 A0 19880715

DOCDB simple family (application)
EP 89112266 A 19890705; IT 2140088 A 19880715