

Title (en)  
ELECTROMAGNETIC DEVICE FOR STOPPING THE WEFT THREAD IN A WEFT FEEDER FOR WEAVING MACHINES AND SLIDER FOR SUCH DEVICE

Title (de)  
ELEKTROMAGNETISCHE VORRICHTUNG ZUR UNTERBRECHUNG DES SCHUSSFADENS IN EINEM FADENZUFUEHRER FUER WEBMASCHINEN UND GLEITELEMENT FUER EINE SOLCHE VORRICHTUNG

Title (fr)  
DISPOSITIF ÉLECTROMAGNETIQUE POUR L'ARRÊT DU FIL DE TRAME DANS UN DISPOSITIF FOURNISSEUR DE TRAME POUR DES MÉTIERS À TISSER ET ÉLÉMENT DE GLISSEMENT POUR CE DISPOSITIF

Publication  
**EP 3401426 A1 20181114 (EN)**

Application  
**EP 18169557 A 20180426**

Priority  
IT 201700051526 A 20170512

Abstract (en)  
Electromagnetic device for stopping the weft thread in a weft feeder for weaving machines, of the type comprising a slider (C), apt to be moved along an alternate rectilinear path between two end-stop positions responsive to the activation of electromagnetic coils (B) housed in a case (6), consisting of a bush-shaped ferromagnetic core (3), of a cylindrical end-piece (1) for stopping the weft thread projecting from one side of said ferromagnetic core (3) and of an intermediate element (2) forming the mechanical connection between said ferromagnetic core (3) and said end-piece (1). Said intermediate element (2) is a cylindrical aluminium element which is fastened, through a mechanical coupling with interference, within the cylindrical inner cavity of said bush-shaped ferromagnetic core (3), and which further has an axial cylindrical inner cavity (2c) in which said end-piece (1) is fastened, through a mechanical coupling with interference.

IPC 8 full level  
**D03D 47/36** (2006.01)

CPC (source: CN EP)  
**D03D 47/362** (2013.01 - EP); **D03D 51/34** (2013.01 - CN)

Citation (search report)

- [A] WO 02097177 A2 20021205 - IROPA AG [CH], et al
- [A] JP H02175955 A 19900709 - ROY ELECTROTTEX SPA
- [A] CN 105671754 A 20160615 - CIXI SUN TEXTILE SCIENCE AND TECH CO LTD

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3401426 A1 20181114**; **EP 3401426 B1 20190821**; CN 108866768 A 20181123; CN 108866768 B 20210105; IT 201700051526 A1 20181112; JP 2019009422 A 20190117; JP 7141240 B2 20220922; TW 201900958 A 20190101

DOCDB simple family (application)  
**EP 18169557 A 20180426**; CN 201810450138 A 20180511; IT 201700051526 A 20170512; JP 2018092313 A 20180511; TW 107115719 A 20180509