

Title (en)

Weft feeder for textile machines, provided with a thread-braking device

Title (de)

Fadenliefergerät für Textilmaschinen mit einer Fadenbremsvorrichtung

Title (fr)

Fournisseur de fil de trame pour machines textiles, pourvu d'un dispositif de freinage de fil

Publication

**EP 1695935 A2 20060830 (EN)**

Application

**EP 06000776 A 20060114**

Priority

IT TO20050028 U 20050225

Abstract (en)

The feeder comprises a stationary cylinder (12) having a delivery edge (12r), on which cylinder are wound thread loops to be fed to a textile machine arranged downstream. A hollow frustoconical member (16) abuts with its internal surface against the delivery edge (12r) of the cylinder. The frustoconical member (16) consists of a plurality of substantially radial, metal foils (16a) arranged to form a frustoconical surface and fastened, at the larger perimeter of the frustoconical surface, to a frame (17) which is suspended at the middle of a spider assembly of helical springs (19) having one end anchored to the frame (17b) and the opposite end anchored to an annular support (20) connected to the cylinder (12).

IPC 8 full level

**B65H 51/22** (2006.01); **D03D 47/36** (2006.01)

CPC (source: EP)

**D03D 47/366** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1695935 A2 20060830; EP 1695935 A3 20081001**; CN 1824863 A 20060830; IT TO20050028 U1 20060826

DOCDB simple family (application)

**EP 06000776 A 20060114**; CN 200510003525 A 20051230; IT TO20050028 U 20050225