

Title (en)

Weft feeder with magnet supporting plate provided with an annular groove acting as element for centering and retaining the drum and as thread stopping barrier.

Title (de)

Fadenlieferung mit einer Magnet-Bestückten Platte die eine ringförmige Rinne aufweist zum Zentrieren und Festhalten der Trommel und die als Fadenstopper wirkt.

Title (fr)

Alimenteur de trame avec une plaque portant des aimants, pourvu d'une rainure annulaire, agissant comme élément de centrage retenant le tambour et comme élément d'arrêt du fil.

Publication

EP 0635592 A1 19950125 (EN)

Application

EP 94110346 A 19940704

Priority

IT TO930172 U 19930719

Abstract (en)

The weft feeder comprises a fixed body (11), a rotatable disk (12) which winds a reserve of turns (S) on a fixed drum (13), and a fixed magnet supporting plate (14) which supports the drum and is rigidly coupled to the fixed body (11) by means of permanent magnets (15-16). The magnet supporting plate (14) has an annular perimetric blind groove (17) which receives the base (13a) of the drum (13) in order to center and retain it, and acts as a barrier against the accidental passage of the turns of thread into the fixed body (11) of the feeder. <IMAGE>

IPC 1-7

D03D 47/34

IPC 8 full level

D03D 47/34 (2006.01)

CPC (source: EP)

D03D 47/34 (2013.01)

Citation (search report)

- [Y] FR 2127934 A5 19721013 - SULZER AG
- [Y] WO 9201101 A1 19920123 - IRO AB [SE]
- [A] WO 9000149 A1 19900111 - IRO AB [SE]
- [A] EP 0179178 A1 19860430 - SULZER AG [CH]

Cited by

US5979815A; CN1084283C; CN113062030A; WO9709263A1

Designated contracting state (EPC)

BE CH DE IT LI SE

DOCDB simple family (publication)

EP 0635592 A1 19950125; EP 0635592 B1 19970423; DE 69402773 D1 19970528; DE 69402773 T2 19970904; IT 231450 Y1 19990803; IT TO930172 U1 19950119; IT TO930172 V0 19930719

DOCDB simple family (application)

EP 94110346 A 19940704; DE 69402773 T 19940704; IT TO930172 U 19930719