Title (en)
Weft feeder for textile machines with improved system for attaching the stationary drum to the motor housing

Title (de)
Fadenliefergerät für Textilmaschinen mit verbessertem System zum Anbringen der stationären Trommel and das Motorgehäuse

Title (fr)
Fournisseur de trame pour machines textiles avec système amélioré de fixation du tambour stationnaire au carénage du moteur

Publication
EP 1335055 B1 20060816 (EN)

Application
EP 03001608 A 20030124

Priority
IT TO20020029 U 20020208

Abstract (en)

[origin: EP1335055A1] A weft feeder for textile machines, wherein a swivel arm (13) winds a weft thread onto a stationary drum (12) that is supported coaxially and rotatably on the motor shaft (14) of the swivel arm. The drum is kept in a fixed angular position by the mutual attraction between a first set of magnets (18a), which are received in respective first recessed seats (19a) on a first annular surface (26) of the motor housing (11) which is coaxial to the motor shaft, and a second set of magnets (18b), which are received in respective second recessed seats (19b) on a second annular surface (27) of a support at the base of the drum, facing the first annular surface. Each seat of the first and second sets has a bottom provided with a ferromagnetic plate (21a, 21b), preferably of neodymium, which therefore performs the dual function of retaining the respective magnet in its seat and of conveying its lines of flux into the region of interest where the swivel arm rotates. <IMAGE>

IPC 8 full level
D04B 15/48 (2006.01); **B65H 51/22** (2006.01); **D03D 47/34** (2006.01)

CPC (source: EP)
D03D 47/34 (2013.01); **D03D 47/364** (2013.01); **D03D 47/366** (2013.01); **D04B 15/482** (2013.01)

Cited by
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