

Title (en)
YARN FEEDER

Title (de)
FADENZUFUHRVORRICHTUNG

Title (fr)
DISPOSITIF D'ALIMENTATION EN FIL

Publication
EP 1735227 B1 20080716 (EN)

Application
EP 05739420 A 20050414

Priority
• EP 2005003955 W 20050414
• SE 0400993 A 20040415

Abstract (en)
[origin: WO2005100221A1] A yarn feeder (W) comprising a variable diameter stationary storage body (13) consisting of separated segments (S, SA) received in radial guidances (7) of a support structure (B), each segment comprising at least one finger (F) and a rod (R) unitarily formed with the finger (F), the rod (R) being connected to the lower side of the finger in a junction region, the rod carrying engagement elements (3) at a front side (8) and defining longitudinal guiding surfaces (G) at other sides of the rod, the junction region (1) having at least a gusset (5a) at the transition between the front side (8) and the lower side of the finger, the junction region (1), furthermore, comprising an additional gusset (5b) at a transition from the rear side of the rod into the lower side of the finger. The guiding surfaces (G)- in a crosssection of the rod (R)- being arranged pairwise and with a V-shape.

IPC 8 full level
D03D 47/36 (2006.01); **B65H 51/22** (2006.01)

CPC (source: EP)
D03D 47/362 (2013.01)

Cited by
BE1025266B1

Designated contracting state (EPC)
IT

DOCDB simple family (publication)
WO 2005100221 A1 20051027; CN 100567116 C 20091209; CN 1950282 A 20070418; EP 1735227 A1 20061227; EP 1735227 B1 20080716; SE 0400993 D0 20040415

DOCDB simple family (application)
EP 2005003955 W 20050414; CN 200580012298 A 20050414; EP 05739420 A 20050414; SE 0400993 A 20040415