

Title (en)
YARN FEEDING DEVICE

Title (de)
GARNZUFÜHREINRICHTUNG

Title (fr)
DISPOSITIF D'ALIMENTATION EN FIL

Publication
EP 1730339 B1 20090715 (EN)

Application
EP 05716088 A 20050315

Priority
• EP 2005002759 W 20050315
• SE 0400862 A 20040401

Abstract (en)
[origin: WO2005098112A1] A yarn feeding device (F) comprises a housing (1) supporting a storage body (6) and includes a funnel-shaped balloon breaker (B) provided at a holding structure (H), the holding structure (H) having a single hollow holding arm (A) connected to the housing (1), the balloon breaker being adjustably mounted to the holding arm. The balloon breaker (B) is mounted by means of a tilting joint (K) to the holding arm. The tilting joint (K) defines a joint axis (Y) which is substantially perpendicular to the axis (X) of the storage body (6). The tilting joint (K) is fixed to the holding arm (A). The holding arm (A) extends through a housing passage (20) in a housing front wall (3) into the interior (4) of the housing (1). The holding arm (A) is secured in the housing (1) in a sliding fixation structure (S). The sliding fixation comprise an anti-rotation mechanism (R) for the holding arm (A). The holding arm (A) has cable openings and/or tube openings at both holding arm ends, namely in the interior (4) of the housing and in the end downstream of the tilting joint (K).

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

CPC (source: EP)
B65H 51/22 (2013.01); **D03D 47/34** (2013.01)

Designated contracting state (EPC)
IT TR

DOCDB simple family (publication)
WO 2005098112 A1 20051020; CN 1954106 A 20070425; CN 1954106 B 20110330; EP 1730339 A1 20061213; EP 1730339 B1 20090715; SE 0400862 D0 20040401; TW 200606292 A 20060216; TW I292446 B 20080111

DOCDB simple family (application)
EP 2005002759 W 20050315; CN 200580009472 A 20050315; EP 05716088 A 20050315; SE 0400862 A 20040401; TW 94109001 A 20050323