

Title (en)
Yarn feeder with storage drum

Title (de)
Garnzuführung mit Speichertrommel

Title (fr)
Dispositif d'alimentation de fil avec tambour de stockage

Publication
EP 2853626 A1 20150401 (EN)

Application
EP 14002114 A 20140618

Priority
IT TO20130769 A 20130925

Abstract (en)
A drum (12) has a plurality of yarn loops (Y) wound thereon, which are adapted to be unwound from a delivery end (12r) of the drum (12) upon request from a downstream machine (L). A thin-walled, hollow braking member (18) has a substantially frustoconical profile yielding elastically in the radial direction, which is biased to coaxially engage the delivery end (12r) of the drum (12) with its inner surface by elastic means (20) under tension between a stationary support (22) and the braking member (18). The braking member (18) is rotatably supported about its axis with respect to the stationary support (22) by a rolling bearing (26) which is operatively interposed between the braking member (18) and the elastic means (20).

IPC 8 full level
D03D 47/36 (2006.01); **B65H 59/22** (2006.01)

CPC (source: EP)
D03D 47/364 (2013.01); **D03D 47/366** (2013.01); **D04B 15/484** (2013.01)

Citation (applicant)
• EP 0534263 A1 19930331 - LGL ELECTRONICS SPA [IT]
• US 4068807 A 19780117 - JACOBSSON KURT ARNE GUNNAR

Citation (search report)
• [X] DE 19649220 A1 19980528 - IRO AB [SE]
• [X] WO 9219524 A1 19921112 - CANDIA ETS [CH]
• [X] CH 547881 A 19740411 - ZBROJOVKA VSETIN NP
• [A] EP 0826619 A1 19980304 - LGL ELECTRONICS SPA [IT]
• [AD] US 4068807 A 19780117 - JACOBSSON KURT ARNE GUNNAR
• [A] EP 2610380 A1 20130703 - LGL ELECTRONICS SPA [IT]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2853626 A1 20150401; **EP 2853626 B1 20191030**; CN 104444589 A 20150325; CN 104444589 B 20191022; IT TO20130769 A1 20150326

DOCDB simple family (application)
EP 14002114 A 20140618; CN 201410377253 A 20140801; IT TO20130769 A 20130925