

Title (en)

PNEUMATIC LINEAR ACTUATOR OF A TYPE CONNECTABLE TO AN ARM OF A MOVABLE ARM UNWINDER

Title (de)

PNEUMATISCHER LINEARSTELLANTRIEB, DER AN EINEN ARM EINES BEWEGLICHEN ARM-ABWICKLERS ANSCHLIESSBAR IST

Title (fr)

ACTIONNEUR LINÉAIRE PNEUMATIQUE DE TYPE RACCORDABLE À UN BRAS D'UN DÉROULEUR À BRAS MOBILE

Publication

EP 3950549 A1 20220209 (EN)

Application

EP 21189608 A 20210804

Priority

IT 202000019768 A 20200807

Abstract (en)

A pneumatic linear ejector (1) of the type attachable to an arm (101) of a movable arm unwinder (100) for reels (102); the ejector (1) comprising a plurality of segments (2a, 2b, 2c) nested one in the other and slidable over each other, each having a respective seat (3) for the passage and/or accommodation of a chuck (104) configured to grasp a core (106) of a reel (102), the seats (3) are coaxial and define a central axis (A); the first segment (2a) is defined by an annular cylinder (20) attachable to an unwinder (100) and having a base (21) adapted to face the unwinder (100); a closing portion (25) is fixed to the first segment (2a) and closes the seat (3), the closing portion (25) is configured to support the chuck (104).

IPC 8 full level

B65H 16/06 (2006.01); **B65H 19/12** (2006.01); **B65H 75/18** (2006.01)

CPC (source: EP US)

B65H 16/06 (2013.01 - EP); **B65H 19/126** (2013.01 - EP); **B65H 19/30** (2013.01 - US); **B65H 67/02** (2013.01 - EP); **B65H 75/185** (2013.01 - EP); **B65H 75/242** (2013.01 - US); **B65H 2301/41346** (2013.01 - EP US); **B65H 2301/4185** (2013.01 - US); **B65H 2402/30** (2013.01 - EP); **B65H 2406/423** (2013.01 - EP); **B65H 2555/11** (2013.01 - EP)

Citation (applicant)

EP 3153439 A1 20170412 - RENOVA S R L [IT]

Citation (search report)

- [XDY] EP 3153439 A1 20170412 - RENOVA S R L [IT]
- [XAY] CN 204588200 U 20150826 - CHAO YANG SANCHUANG NEWPRODUCT CO LTD
- [XAY] US 4715553 A 19871229 - HATAKEYAMA TETSUO [JP], et al
- [Y] WO 2019102343 A1 20190531 - RE S P A CONTROLLI IND [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 3950549 A1 20220209; IT 202000019768 A1 20220207; US 2022041393 A1 20220210

DOCDB simple family (application)

EP 21189608 A 20210804; IT 202000019768 A 20200807; US 202117395537 A 20210806