

Title (en)

MACHINE FOR CLEANING COPS OR YARN CONES SUPPORTS FOR TEXTILE INDUSTRY

Title (de)

MASCHINE ZUR REINIGUNG VON KOPSEN ODER TRÄGERN VON GARNKONUSSSEN FÜR DIE TEXTILINDUSTRIE

Title (fr)

MACHINE DE NETTOYAGE DE COPS OU DE SUPPORTS DE CÔNES DE FIL POUR L'INDUSTRIE TEXTILE

Publication

EP 2952463 A1 20151209 (EN)

Application

EP 15170894 A 20150605

Priority

IT MI20141040 A 20140606

Abstract (en)

Herein described is a machine (10) for cleaning cops (100) or yarn cones supports for textile industry, comprising a main structure (50) supporting an extruding group (12) which is configured for holding a single cop (100) and for removing the residual yarn (200) from the cop (100), and a collecting group (14) which is configured for collecting the clean cops (100). The extruding group (12) comprises a mechanism (16) for holding the cops (100) integral with the machine (10) and configured for holding fixed a single cop (100) loaded on the extruding group (12), and a pushing device (18) facing the holding mechanism (16) and movable along an axis substantially parallel to the rotation axis of the cop (100). In a first operative configuration of the machine (10), the cop (100) with the residual yarn (200) wound about the same is inserted and fixed on the holding mechanism (16) and, in a second operative configuration of the machine (10), the pushing device (18) is activated so as to push the cop (100) through the holding mechanism (16), whereas the residual yarn (200) is held on the holding mechanism (16) to be then removed from the machine (10) and the cleaned cop (100) is instead sent to the collecting group (14) to be used again later.

IPC 8 full level

B65H 73/00 (2006.01); **B65H 63/00** (2006.01)

CPC (source: EP)

B65H 63/00 (2013.01); **B65H 73/00** (2013.01); **B65H 2701/31** (2013.01)

Citation (applicant)

- CH 372991 A 19631031 - ROEHL GEORG [DE]
- DE 1078510 B 19600324 - ROEHL GEORG
- EP 0654437 A1 19950524 - CASON GIACOMO [IT]
- EP 0761588 A2 19970312 - MURATA MACHINERY LTD [JP]
- US 1805452 A 19310512 - LINDER WILLIS W
- US 2732609 A 19560131
- US 3298078 A 19670117 - HENRI-LEOPOLD BOER
- WO 8800923 A1 19880211 - PATCHETT ERNEST [GB]

Citation (search report)

- [A] US 3298078 A 19670117 - HENRI-LEOPOLD BOER
- [A] WO 8800923 A1 19880211 - PATCHETT ERNEST [GB]
- [A] US 1805452 A 19310512 - LINDER WILLIS W
- [A] EP 0761588 A2 19970312 - MURATA MACHINERY LTD [JP]
- [A] US 2732609 A 19560131

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 2952463 A1 20151209

DOCDB simple family (application)

EP 15170894 A 20150605