

Title (en)

LOADER FOR AUTOMATIC REWINDING MACHINES OF FILLER MATERIAL WIRE

Title (de)

LADEVORRICHTUNG FÜR AUTOMATISCHE WICKELMASCHINEN FÜR FÜLLMATERIALDRAHT

Title (fr)

CHARGEUR POUR REBOBINEUSES AUTOMATIQUES DE FIL DE MATÉRIAU DE REMPLISSAGE

Publication

**EP 4144679 A1 20230308 (EN)**

Application

**EP 22192842 A 20220830**

Priority

IT 202100022976 A 20210906

Abstract (en)

A loader (1) for automatic rewinding machines of filler material wire, said loader (1) comprises an outer protection frame (2) suitable for resting on a reference surface (S), and a storage unit (3) contained in the outer protection frame (2) and configured to accommodate a plurality of flanged reels (F) configured to be moved to an automatic rewinding machine which is operatively and physically arranged downstream of the loader (1) and which automatically winds a filler material wire about a central drum (T) of each of the flanged reels (F). In particular, the loader (1) comprises a preloading and withdrawal station (4) physically distinct, separate, and independent from the storage unit (3), configured to receive from the storage unit (3), in a progressive manner and at successive intervals, the flanged reels (F) divided according to a predefined quantity and to convey them by translation to said automatic rewinding machine.

IPC 8 full level

**B65H 67/06** (2006.01)

CPC (source: EP)

**B65H 67/067** (2013.01); **B65H 67/068** (2013.01)

Citation (applicant)

- DE 3610138 A1 19871001 - NIEHOFF KG MASCHF [DE]
- JP S5310077 A 19780130 - HITACHI CABLE
- CN 111792455 A 20201020 - KUNSHAN ATL ELECTROMECHANICAL TECH CO LTD

Citation (search report)

- [AD] DE 3610138 A1 19871001 - NIEHOFF KG MASCHF [DE]
- [AD] JP S5310077 A 19780130 - HITACHI CABLE
- [AD] CN 111792455 A 20201020 - KUNSHAN ATL ELECTROMECHANICAL TECH CO LTD
- [A] CN 110482316 A 20191122 - SHANDONG FANGDA NEW MATERIAL TECH CO LTD
- [A] JP H0728109 U 19950523
- [A] JP S54165676 U 19791120
- [A] JP H0761830 B2 19950705

Designated contracting state (EPC)

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**EP 4144679 A1 20230308**; IT 202100022976 A1 20230306

DOCDB simple family (application)

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