Title (en)
    UNIT FOR TRANSFERRING REELS OF LABELLING MATERIAL

Title (de)
    EINHEIT ZUM TRANSFER VON ROLLEN EINES ETIKETTIERUNGSMATERIALS

Title (fr)
    UNITÉ DE TRANSFERT DE BOBINES DE MATÉRIAU D'ÉTIQUETAGE

Publication
    EP 3760550 A1 20210106 (EN)

Application
    EP 20170504 A 20200421

Priority
    IT 201900002196 U 20190704

Abstract (en)
    A transfer unit (12) for feeding reels (6) of labelling material to a labelling module (13) configured to apply labels (2) onto articles (4) is described;
    the transfer unit (12) comprises: a support member (14) configured to support a plurality of reels (6) organized vertically in at least one a stack (15);
    and a robotic arm (16) configured to remove at least one reel (6) at a time from the stack (15) at a gripping station (G) and to release it at a release
    station (R); the support member (14) being movable horizontally, during use, at least from a remote position, where the reels (6) are arranged
    stacked vertically on the support member (14), to the gripping station (G), where the transfer unit (12) is configured to eliminate a vertical distance
    between the stack (15) and the robotic arm (16)

IPC 8 full level
    B65C 9/18 (2006.01); **B65H 19/12** (2006.01)

CPC (source: EP)
    B65C 9/1892 (2013.01); **B65H 19/123** (2013.01); B65H 2301/3251 (2013.01); B65H 2801/75 (2013.01)

Citation (applicant)
    WO 2019048044 A1 20190314 - SIDEL PARTICIPATIONS [FR]

Citation (search report)
    • [YD] WO 2019048044 A1 20190314 - SIDEL PARTICIPATIONS [FR]
    • [Y] US 5486081 A 19960123 - DRAGHETTI FIORENZO [IT]
    • [Y] EP 1211554 A1 20020605 - FUJI PHOTO FILM CO LTD [JP]
    • [Y] US 4863112 A 19890905 - SUMMERAUER INGOMAR J K [CH], et al
    • [A] EP 2982628 A1 20160210 - SIDEL SPA CON SOCIO UNICO [IT]

Cited by
    CN113581943A; EP4053028A1; WO2024099559A1

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)
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