

Title (en)
AUTOMATED WIRE TAPING SYSTEM

Title (de)
AUTOMATISCHES DRAHTABGREIFSYSTEM

Title (fr)
SYSTÈME DE BRANCHEMENT DE FIL AUTOMATISÉ

Publication
EP 4312232 A1 20240131 (EN)

Application
EP 23183466 A 20230704

Priority
GB 202210946 A 20220727

Abstract (en)
An automated wire taping system comprises a taping robot having a taping head mounted on an arm of the robot that in use wraps tape around a cable or collection of cable. A tape roll cassette includes a roll of tape rotatably mounted to a cassette body and includes at least one releasable connector for connecting the cassette to the taping head. A storage device includes a holder for receiving the cassette and a release device arranged to automatically operate the at least one releasable connector to disconnect the cassette from the taping head when the cassette is received within the holder.

IPC 8 full level
H01B 13/012 (2006.01)

CPC (source: CN EP GB)
B65B 13/12 (2013.01 - EP); **B65H 35/002** (2013.01 - CN); **B65H 35/0073** (2013.01 - CN); **B65H 37/04** (2013.01 - CN);
B65H 81/06 (2013.01 - CN); **H01B 13/012** (2013.01 - GB); **H01B 13/01209** (2013.01 - GB); **H01B 13/01263** (2013.01 - GB);
H01B 13/01281 (2013.01 - EP GB)

Citation (search report)
• [A] CN 110444344 A 20191112 - ZHUJI CANU AUTOMATION EQUIPMENT CO LTD
• [A] US 2015096688 A1 20150409 - WORD JACOB WADE [US], et al
• [A] CN 108455356 A 20180828 - BO CHAOPING, et al
• [A] JP H0761415 A 19950307 - NITTO DENKO CORP, et al

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4312232 A1 20240131; CN 117466058 A 20240130; GB 202210946 D0 20220907; GB 2620951 A 20240131; MX 2023008822 A 20240129

DOCDB simple family (application)
EP 23183466 A 20230704; CN 202310927027 A 20230726; GB 202210946 A 20220727; MX 2023008822 A 20230726