

Title (en)
CABLE PACKAGING METHOD IN THE FORM OF SPOOL OR COIL WITH THREE OR MORE WINDING STATIONS AND A MACHINE THEREOF

Title (de)
KABELVERPACKUNGSVERFAHREN IN FORM EINER SPULE ODER SPULE MIT DREI ODER MEHR WICKELSTATIONEN UND MASCHINE
DAFÜR

Title (fr)
PROCÉDÉ D'EMBALLAGE DE CÂBLE SOUS LA FORME D'UNE BOBINE OU ENROULEUR AVEC AU MOINS TROIS STATIONS
D'ENROULEMENT ET MACHINE ASSOCIÉE

Publication
EP 4337583 A4 20240626 (EN)

Application
EP 21958533 A 20210525

Priority
TR 2021050480 W 20210525

Abstract (en)
[origin: WO2023048658A2] The invention relates to the parts of winding head 1 (1.1), winding head 2 (1.2), winding head 3 (1.3), traverse unit (2.1), traverse pipe (2.2), retaining clip (3), rotating table (4), empty spool (5), winding station (5.1), packaging/coil removal station (5.2), empty spool loading station (5.3) to be used in cable winding machines, characterized by a packaging method consisting of at least 3 and/or more winding heads, wherein one winds the cable and each of the other heads operate as a station for post-winding operations (cutting, packaging, removing, loading of empty spools, etc.).

IPC 8 full level
B65H 54/58 (2006.01); **B65H 54/62** (2006.01)

CPC (source: EP)
B65H 54/58 (2013.01); **B65H 54/62** (2013.01)

Citation (search report)

- [X] DE 102004048269 A1 20060406 - NIEHOFF KG MASCHF [DE]
- [X] DE 19614585 A1 19971016 - NIEHOFF KG MASCHF [DE]
- [I] EP 0174066 A2 19860312 - BICC PLC [GB]
- [X] EP 0504503 A1 19920923 - KBE PRODUKTIONSGESELLSCHAFT FU [DE]
- See references of WO 2023048658A2

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2023048658 A2 20230330; WO 2023048658 A3 20230803; EP 4337583 A2 20240320; EP 4337583 A4 20240626

DOCDB simple family (application)
TR 2021050480 W 20210525; EP 21958533 A 20210525