

Title (en)
DEVICE FOR PULLING-OUT WINDING SHAFTS

Title (de)
VORRICHTUNG ZUM ZIEHEN VON WICKELWELLEN

Title (fr)
DISPOSITIF POUR LE TIRAGE D'ARBRES D'ENROULEMENT

Publication
EP 3556694 B1 20200819 (DE)

Application
EP 19165706 A 20190328

Priority
DE 102018108911 A 20180416

Abstract (en)
[origin: CN110386494A] The invention relates to a device (100) for pulling a reel (31) out from a roll of material (30), comprising at least one base (1) having at least one floor support (2) arranged at the bottom thereof and at least one clamping device (10; 20) arranged at the upper part thereof for clamping and fixing the reel (31). The base (1) has at least one receiving opening (3), which is designed to receive a transport fork (34) of a ground transport vehicle (33).

IPC 8 full level
B65H 19/30 (2006.01); **B66F 9/18** (2006.01)

CPC (source: CN EP)
B65H 19/30 (2013.01 - CN EP); **B66F 9/18** (2013.01 - EP); **B65H 2301/418** (2013.01 - CN); **B65H 2301/418526** (2013.01 - EP); **B65H 2301/4186** (2013.01 - EP); **B65H 2405/441** (2013.01 - EP); **B65H 2701/1133** (2013.01 - CN); **B65H 2801/84** (2013.01 - EP)

Cited by
WO2022114785A1

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

DOCDB simple family (publication)
EP 3556694 A1 20191023; EP 3556694 B1 20200819; CN 110386494 A 20191029; CN 110386494 B 20210604;
DE 102018108911 A1 20191017; ES 2818052 T3 20210409; PL 3556694 T3 20210111; PT 3556694 T 20200918

DOCDB simple family (application)
EP 19165706 A 20190328; CN 201910274911 A 20190408; DE 102018108911 A 20180416; ES 19165706 T 20190328;
PL 19165706 T 20190328; PT 19165706 T 20190328