

Title (en)
METHOD FOR PREVENTING SHAPE CHANGES IN METAL COILS, IN PARTICULAR FOR PREVENTING A COLLAPSING OF NEWLY WOUND HOT COILS

Title (de)
VERFAHREN ZUM VERMEIDEN VON FORMÄNDERUNGEN BEI METALLBUNDEN, INSBESONDERE ZUM VERMEIDEN EINES KOLLABIERENS VON FRISCH GEWICKELTEN WARMBUNDEN

Title (fr)
PROCÉDÉ PERMETTANT D'ÉVITER LES CHANGEMENTS DE FORME DE BOBINES MÉTALLIQUES, EN PARTICULIER D'ÉVITER UN AFFAISSEMENT DE BOBINES À CHAUD FRAÎCHEMENT ENROULÉES

Publication
EP 3946772 A1 20220209 (DE)

Application
EP 20700748 A 20200121

Priority
• EP 19165076 A 20190326
• EP 2020051402 W 20200121

Abstract (en)
[origin: WO2020192980A1] The invention relates to a method for preventing shape changes in metal coils (1), in particular for preventing a collapsing of newly wound hot coils (1). In the method, a metal coil (1), in particular a newly wound hot coil (1), is rotated (3) about its longitudinal axis (2) intermittently in a first rotational direction (5) and then rotated back (4) in a second opposing rotational direction (6), or further rotated (17) in the first rotational direction (5).

IPC 8 full level
B21C 47/04 (2006.01); **B21C 47/24** (2006.01); **B21C 47/26** (2006.01); **B21C 51/00** (2006.01)

CPC (source: EP US)
B21C 47/04 (2013.01 - EP US); **B21C 47/24** (2013.01 - EP US); **B21C 47/26** (2013.01 - EP); **B21C 51/005** (2013.01 - EP); **B21D 43/20** (2013.01 - US); **B21F 3/02** (2013.01 - US); **B65H 49/24** (2013.01 - US); **B65H 49/34** (2013.01 - US); **B65H 67/06** (2013.01 - US); **B65H 2301/3322** (2013.01 - US)

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)
EP 3715003 A1 20200930; CN 113631289 A 20211109; CN 113631289 B 20230829; EP 3946772 A1 20220209; EP 3946772 B1 20230322; US 2022184687 A1 20220616; WO 2020192980 A1 20201001

DOCDB simple family (application)
EP 19165076 A 20190326; CN 202080024287 A 20200121; EP 2020051402 W 20200121; EP 20700748 A 20200121; US 202017442943 A 20200121