

Title (en)  
REVERSING COILER AND METHOD FOR OPERATING IT

Title (de)  
WENDEHASPEL UND VERFAHREN ZU DESSEN BETRIEB

Title (fr)  
DÉVIDOIR-ENROULEUR ET SON PROCÉDÉ DE FONCTIONNEMENT

Publication  
**EP 3829791 B1 20220330 (DE)**

Application  
**EP 19749707 A 20190801**

Priority

- DE 102018212958 A 20180802
- EP 2019070829 W 20190801

Abstract (en)  
[origin: WO2020025773A1] The invention relates to a method for operating a reversing coiler, and to a reversing coiler itself. A reversing coiler comprises a rotor (110), on which at least one, typically two coiler mandrels (112) are mounted with their rotor-side ends in each case eccentrically with respect to a rotational axis D of the rotor. The coilers (112) serve in each case to wind up strip, in particular metal strip. It is known to couple the free end of in each case one of the two coiler mandrels (112) to a corotating mandrel supporting bearing. In order to counteract a deflection of the free end of the coiler mandrel on account of its weight and on account of its additional loading by way of the wound-up strip, the method according to the invention provides lifting the free end (113) of the coiler mandrel (112) in the winding-on position A to the level of its rotor-side end counter to gravity G with the aid of the coupled corotating mandrel supporting bearing (120).

IPC 8 full level  
**B21C 47/24** (2006.01)

CPC (source: EP)  
**B21C 47/245** (2013.01)

Citation (examination)  
JP H0822448 B2 19960306

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)  
**WO 2020025773 A1 20200206**; CN 112512713 A 20210316; CN 112512713 B 20230613; DE 102018212958 A1 20200206; EP 3829791 A1 20210609; EP 3829791 B1 20220330; JP 2021531980 A 20211125; JP 7168761 B2 20221109

DOCDB simple family (application)  
**EP 2019070829 W 20190801**; CN 201980051392 A 20190801; DE 102018212958 A 20180802; EP 19749707 A 20190801; JP 2021505660 A 20190801