

Title (en)

COILER DEVICE PROVIDED WITH WRAPPER APRONS

Title (de)

SPULENVORRICHTUNG MIT UMHÜLLUNGSSCHÜRZEN

Title (fr)

DISPOSITIF DE BOBINAGE MUNI DE TABLIERS D'ENVELOPPEMENT

Publication

EP 3120946 A1 20170125 (EN)

Application

EP 15765018 A 20150318

Priority

- JP 2014059064 A 20140320
- JP 2015057975 W 20150318

Abstract (en)

This coiler device (1) provided with wrapper aprons (22) has: a mandrel (20) that coils up a metal sheet (2); a plurality of wrapper rollers (21) that coil the metal sheet (2) to the mandrel (20); and a plurality of wrapper aprons (22) that guide the leading end of the metal sheet (2) between adjacent wrapper rollers (21). A configuration is adopted having a fluid supply device (70) that supplies a fluid to the guide surfaces (22a) of the wrapper apron (22A) disposed at the most upstream side with respect to the coiling of the metal sheet (2).

IPC 8 full level

B21C 47/06 (2006.01); **B21C 47/34** (2006.01)

CPC (source: EP)

B21C 47/06 (2013.01); **B21C 47/3466** (2013.01); **B21C 47/3475** (2013.01)

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 3120946 A1 20170125; **EP 3120946 A4 20171213**; **EP 3120946 B1 20200805**; CN 106132575 A 20161116; CN 106132575 B 20181225; JP 2015182088 A 20151022; JP 6347538 B2 20180627; WO 2015141701 A1 20150924

DOCDB simple family (application)

EP 15765018 A 20150318; CN 201580014830 A 20150318; JP 2014059064 A 20140320; JP 2015057975 W 20150318