

Title (en)
METHOD FOR PRODUCING METAL THIN STRIP COIL, AND METAL THIN STRIP COIL

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER METALLISCHEN DÜNNEN BANDSPULE UND METALLISCHE DÜNNE BANDSPULE

Title (fr)
PROCÉDÉ DE PRODUCTION D'UNE BOBINE DE BANDE MINCE MÉTALLIQUE, ET BOBINE DE BANDE MINCE MÉTALLIQUE

Publication
EP 3753643 A4 20211117 (EN)

Application
EP 19754242 A 20190213

Priority
• JP 2018025558 A 20180216
• JP 2019005115 W 20190213

Abstract (en)
[origin: EP3753643A1] Provided are: a coil which is suppressed in scratches and deformation when a metal thin strip having a thin thickness is wound up around a wind-up ring, and which has suppressed low production cost, good workability and good maintenance properties; and a method for producing this metal thin strip coil. A method for producing a metal thin strip coil, by which a metal thin strip coil is obtained by having a metal thin strip wound up around a wind-up ring, and wherein a metal thin strip having a thickness of 0.3 mm or less is wound around a wind-up ring which has a high frictional resistance material that is formed of a rubber tape and bonded to at least a part of the outer circumferential surface thereof; and a metal thin strip coil.

IPC 8 full level
B21C 47/28 (2006.01); **B65H 19/28** (2006.01); **B65H 65/00** (2006.01)

CPC (source: EP)
B21C 47/04 (2013.01); **B21C 47/28** (2013.01); **B21C 47/32** (2013.01); **B65H 19/28** (2013.01); **B65H 65/00** (2013.01)

Citation (search report)
• [XY] JP 2002113518 A 20020416 - NISSHIN STEEL CO LTD
• [XY] CN 102161452 A 20110824 - MEI COUNTY GOLDEN ELEPHANT COPPER FOIL CO LTD
• [XY] JP 2003211220 A 20030729 - JFE ENG KK
• [XY] JP 2006281302 A 20061019 - SUMITOMO METAL IND
• [IDY] JP H11165955 A 19990622 - OOTSU CHEMICAL KK, et al
• [A] JP H07124646 A 19950516 - KAWASAKI STEEL CO
• [A] US 5441212 A 19950815 - DICKEN DALE H [US], et al
• [A] JP 2002114418 A 20020416 - FUJI PHOTO FILM CO LTD
• See references of WO 2019159970A1

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 3753643 A1 20201223; **EP 3753643 A4 20211117**; **EP 3753643 B1 20230607**; CN 111788017 A 20201016; CN 111788017 B 20220830; JP 7248006 B2 20230329; JP WO2019159970 A1 20210204; PL 3753643 T3 20230918; SG 11202007695Y A 20200929; WO 2019159970 A1 20190822

DOCDB simple family (application)
EP 19754242 A 20190213; CN 201980013292 A 20190213; JP 2019005115 W 20190213; JP 2020500521 A 20190213; PL 19754242 T 20190213; SG 11202007695Y A 20190213