

Title (en)  
Winding assembly for a rolling mill

Title (de)  
Haspelvorrichtung für eine Walzanlage

Title (fr)  
Bobineuse pour un train de laminage

Publication  
**EP 1982778 B1 20090708 (EN)**

Application  
**EP 07425238 A 20070420**

Priority  
EP 07425238 A 20070420

Abstract (en)  
[origin: EP1982778A1] A winding assembly for a rolling mill for sheet metal, comprising: - a winding spool (24), which turns about a first axis (26), wound on which is a coil (22) formed by a continuous sheet of metal (F); - an ironing roll (30), which turns about a second axis (32) parallel to the first axis (26); - an oscillating support (34), carrying said ironing roll (30) and associated to actuator means (44), which are designed to push the ironing roll (30) against the coil (22) being formed; - a pass-line roll (48), which turns about a third axis (50) parallel to the first and second axes (26, 32); and - at least one deflector roll (52), which turns about a fourth axis (54) parallel to said first, second, and third axes (26, 32, 50) and is set between the pass-line roll (48) and the ironing roll (30). The axis of rotation (54) of said at least one deflector roll (52) is mobile parallel to itself, and a control unit (74) is provided, which, in operation, adjusts continuously the position of the axis of rotation (54) of the deflector roll (52) as a function of the diameter of the coil (22).

IPC 8 full level  
**B21C 47/06** (2006.01); **B21B 38/02** (2006.01); **B21C 47/34** (2006.01)

CPC (source: EP US)  
**B21C 47/063** (2013.01 - EP US); **B21C 47/34** (2013.01 - EP US); **B21C 47/3425** (2013.01 - EP US); **B21B 2015/0057** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1982778 A1 20081022; EP 1982778 B1 20090708**; AT E435711 T1 20090715; CN 101288882 A 20081022; DE 602007001520 D1 20090820; ES 2327075 T3 20091023; JP 2008264878 A 20081106; US 2008257005 A1 20081023

DOCDB simple family (application)  
**EP 07425238 A 20070420**; AT 07425238 T 20070420; CN 200810092590 A 20080416; DE 602007001520 T 20070420; ES 07425238 T 20070420; JP 2008107796 A 20080417; US 4767508 A 20080313