

Title (en)  
ROLLING MILL

Title (de)  
WALZANLAGE

Title (fr)  
INSTALLATION DE LAMINAGE

Publication  
**EP 3025799 B2 20200415 (DE)**

Application  
**EP 14195442 A 20141128**

Priority  
EP 14195442 A 20141128

Abstract (en)  
[origin: WO2016083439A1] The invention relates to a rolling plant, to a casting and rolling plant and to a method for producing a metal strip. In order to make it possible to heat and roll in particular metal strips having thicknesses of > 6 mm in a particularly effective manner, i.e. using as little electrical energy as possible, it is proposed according to the invention that a longitudinal field inductor 170 is arranged between at least one roughing stand 420 and a first rolling stand F1 of a finishing rolling mill train and that an upper longitudinal field inductor movement device 140 is provided for moving the upper induction coil 110 of the longitudinal field inductor perpendicularly in relation to the top side of the metal strip 200 and/or a lower longitudinal field inductor movement device is provided for moving the lower induction coil 120 of the longitudinal field inductor perpendicularly in relation to the bottom side of the metal strip. With the aid of the movement devices, the distance d of the upper induction coil 110 from the top side of the metal strip and/or the distance d of the lower induction coil 120 from the bottom side of the metal strip is set to  $d < 60$  mm in an operating position.

IPC 8 full level  
**B21B 45/00** (2006.01)

CPC (source: EP)  
**B21B 45/004** (2013.01); **B21B 1/26** (2013.01)

Citation (opposition)  
Opponent :  
WO 2014135710 A1 20140912 - SMS SIEMAG AG [DE]

Cited by  
AT522035A1; CN110191769A; RU2748536C2; EP4368305A1; EP4015099A1; WO2020148202A1; US11987859B2; EP3715001A1; AT522345A1; AT522345B1; DE102019008622A1; CN113613808A; WO2018138038A1; WO2024100690A1; WO2021151133A1; WO2020200612A1

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