

Title (en)
THERMO-MECHANICAL ROLLING OF AN ALUMINIUM PANEL

Title (de)
THERMOMECHANISCHES WALZEN EINER ALUMINIUMPLATTE

Title (fr)
LAMINAGE THERMOMÉCANIQUE D'UNE PLAQUE D'ALUMINIUM

Publication
EP 2828011 A1 20150128 (DE)

Application
EP 13719045 A 20130417

Priority
• EP 12165758 A 20120426
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Abstract (en)
[origin: EP2656932A1] The method involves giving characteristics (4) for thermal guidance of rolling process and determining the running value of a state variable (3), from which a temperature of an aluminum plate is derived. A pass schedule (5) is determined for the rolling process depending on the determined values of the state variable and the characteristics. The pass schedule between two reduction stages allows a rolling interval, during which the rollers of an aluminum plate are cut to its cooling.

IPC 8 full level
B21B 3/00 (2006.01)

CPC (source: EP US)
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Citation (search report)
See references of WO 2013160162A1

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DOCDB simple family (publication)
EP 2656932 A1 20131030; BR 112014026380 A2 20170627; BR 112014026380 A8 20180403; BR 112014026380 B1 20191119; CN 104245166 A 20141224; CN 104245166 B 20161102; EP 2828011 A1 20150128; EP 2828011 B1 20170809; US 10131979 B2 20181120; US 2015122375 A1 20150507; WO 2013160162 A1 20131031

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EP 12165758 A 20120426; BR 112014026380 A 20130417; CN 201380020354 A 20130417; EP 13719045 A 20130417; EP 2013057960 W 20130417; US 201314397084 A 20130417