

Title (en)  
PROCESS FOR PRODUCING HOT-ROLLED STEEL SHEET AND PROCESS FOR PRODUCING HOT-DIP GALVANIZED STEEL SHEET

Title (de)  
VERFAHREN ZUR HERSTELLUNG EINES HEISSGEWALZTEN STAHLBLECHS SOWIE VERFAHREN ZUR HERSTELLUNG EINES FEUERVERZINKTEN STAHLBLECHS

Title (fr)  
PROCÉDÉ DE PRODUCTION D'UNE TÔLE D'ACIER LAMINÉ À CHAUD ET PROCÉDÉ DE PRODUCTION D'UNE TÔLE D'ACIER GALVANISÉ À CHAUD

Publication  
**EP 2548664 A4 20170531 (EN)**

Application  
**EP 11768981 A 20110414**

Priority

- JP 2010094621 A 20100416
- JP 2011059768 W 20110414

Abstract (en)  
[origin: EP2548664A1] A method for producing a hot rolled steel sheet includes a slab heating step of heating a steel slab in a slab heating furnace, a step of hot-rolling the heated steel slab in a rough rolling mill to form a strip and a finish rolling mill, and a coiling step of coiling the strip around a coiler. The atmosphere in steps from the slab heating step to the coiling step is a non-oxidizing atmosphere. The slab steel contains C: 0.01-0.15%, Si: 0.1-1.8%, Mn: 1.0-2.7%, Al: 0.01-1.5%, P: 0.005-0.025%, and S: 0.01% or less, by mass. A hot-dip galvanized steel sheet is produced by pickling the hot rolled steel sheet to remove mill scale, or by pickling the sheet and further cold-rolling the sheet, and subsequently by subjecting the resultant to hot-dip galvanizing.

IPC 8 full level  
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CPC (source: EP KR US)  
**B21B 3/00** (2013.01 - KR); **B21B 9/00** (2013.01 - EP KR US); **B21B 45/004** (2013.01 - KR); **B21D 11/06** (2013.01 - KR US); **C21D 1/76** (2013.01 - EP KR US); **C21D 6/008** (2013.01 - EP KR US); **C21D 8/0226** (2013.01 - EP KR US); **C21D 8/0473** (2013.01 - KR); **C21D 9/48** (2013.01 - KR); **C21D 9/561** (2013.01 - EP KR US); **C22C 38/02** (2013.01 - EP KR US); **C22C 38/04** (2013.01 - EP KR US); **C22C 38/06** (2013.01 - EP KR US); **C23C 2/0038** (2022.08 - EP US); **C23C 2/02** (2013.01 - EP KR US); **C23C 2/022** (2022.08 - EP KR US); **C23C 2/024** (2022.08 - EP KR US); **C23C 2/06** (2013.01 - EP KR US); **C23C 2/28** (2013.01 - EP KR US); **B21B 3/00** (2013.01 - EP US); **B21B 45/004** (2013.01 - EP US); **C21D 8/0473** (2013.01 - EP US); **C21D 9/48** (2013.01 - EP US)

Citation (search report)

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