

Title (en)  
Method for continuously manufacturing cold-rolled steel

Title (de)  
Verfahren zur kontinuierlichen Herstellung von kaltgewalztem Stahl

Title (fr)  
Procédé de fabrication continue d'acier laminé à froid

Publication  
**EP 2067541 A1 20090610 (EN)**

Application  
**EP 07254712 A 20071205**

Priority  
EP 07254712 A 20071205

Abstract (en)  
A method for continuously manufacturing cold-rolled steel includes the steps of: providing coils (100) of white steel (400) that are manufactured by hot rolling a cast steel followed by annealing and pickling the cast steel; subjecting the coil (100) of white steel (400) to uncoiling and welding in an uncoiling-welding installation (21); passing the flattened and welded white steel (400) through a first strip accumulator (22) and a cold rolling device (23) for cold rolling the white steel (400) to result in a cold-rolled steel with a predetermined thickness; and processing the cold-rolled steel in sequence using a degreasing device (24), a second strip accumulator (25), an annealing-pickling installation (26), a third strip accumulator (27), a temper rolling device (28), a tension leveling device (29), a fourth strip accumulator (31), and a trimming-recoiling installation (32).

IPC 8 full level  
**B21B 1/28** (2006.01); **C21D 8/02** (2006.01); **C23G 3/02** (2006.01)

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**B21B 1/28** (2013.01); **C21D 8/02** (2013.01); **C21D 8/0205** (2013.01); **C23G 3/02** (2013.01); **B21B 1/22** (2013.01); **B21B 3/02** (2013.01); **B21B 15/0085** (2013.01); **B21B 39/08** (2013.01); **B21B 45/0269** (2013.01); **B21B 2015/0014** (2013.01); **B21B 2015/0064** (2013.01)

Citation (applicant)  
• US 6478899 B1 20021112 - LEGRAND HUGUES [US], et al  
• US 6546771 B1 20030415 - LJUNGARS STEN [SE]

Citation (search report)  
• [AD] US 6546771 B1 20030415 - LJUNGARS STEN [SE]  
• [A] DE 10209406 A1 20030424 - HITACHI LTD [JP]  
• [A] DE 19843382 A1 20000323 - SCHLOEMANN SIEMAG AG [DE]  
• [A] US 5820704 A 19981013 - VEYER JEAN [FR], et al

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