

Title (en)  
COOLING SECTION WITH LOWER SPRAY BAR

Title (de)  
KÜHLSTRECKE MIT UNTEREM SPRITZBALKEN

Title (fr)  
SECTION DE REFROIDISSEMENT AVEC RAMPE DE PULVÉRISATION INFÉRIEURE

Publication  
**EP 2978545 B1 20170329 (DE)**

Application  
**EP 14707680 A 20140219**

Priority  
• EP 13160792 A 20130325  
• EP 2014053186 W 20140219  
• EP 14707680 A 20140219

Abstract (en)  
[origin: EP2783766A1] The cooling section has a cooling element with a frame structure (2) in which several transport rollers (3) for flat rolled metal is arranged in a transport direction (x) about a respective roller axis (4). The roller axis is orthogonal to the transport direction and runs horizontally so that the transport rollers have a pass line (5) for flat rolled metal. A guide section (9) has an upper closure element (10) that is arranged on a spray nozzle (11) by means of which the fed coolant in the base block (7) is sprayed from below on the flat rolled metal.

IPC 8 full level  
**B21B 45/02** (2006.01); **C21D 8/02** (2006.01)

CPC (source: EP RU US)  
**B21B 45/02** (2013.01 - RU); **B21B 45/0218** (2013.01 - EP US); **B21B 45/0233** (2013.01 - EP US); **B21B 39/12** (2013.01 - EP US)

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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