

Title (en)

METHOD FOR FLEXIBLY ROLLING COATED STEEL STRIPS

Title (de)

VERFAHREN ZUM FLEXIBLEN WALZEN VON BESCHICHTETEN STAHLBÄNDERN

Title (fr)

PROCÉDÉ DE LAMINAGE FLEXIBLE DE BANDES D'ACIER REVÊTUES

Publication

**EP 2044234 B1 20130828 (DE)**

Application

**EP 08707473 A 20080131**

Priority

- EP 2008000786 W 20080131
- DE 102007013739 A 20070322

Abstract (en)

[origin: DE102007013739B3] In a process to manufacture sheet metal component, a strip of hot or cold steel passes through a hot or cold bath in which it is subjected to hot dip galvanic treatment. The strip is then subjected to a flexible rolling process at a sequence of different pressures to produce strip of a predetermined thickness. After rolling, either the coating thickness is of varying thickness. The higher the rolling pressure, the thicker the coating, and/or and/or after the flexible rolling the coating is subjected to a mechanical or chemical surface treatment process to set a desired emissivity or heat absorption capacity.

IPC 8 full level

**C23C 2/20** (2006.01); **C23C 2/26** (2006.01)

CPC (source: EP US)

**C23C 2/20** (2013.01 - EP US); **C23C 2/26** (2013.01 - EP US); **C23C 2/40** (2013.01 - EP US); **B21B 37/26** (2013.01 - EP US); **C21D 1/673** (2013.01 - EP US)

Cited by

FR3088860A1; EP2332956A1; FR3097494A1; WO2020254747A1

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