

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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