

Title (en)

PROCESS FOR THE CHEMICAL AFTER-TREATMENT OF STEEL-STRIP SURFACES

Publication

**EP 0352399 B1 19920513 (DE)**

Application

**EP 88890198 A 19880728**

Priority

EP 88890198 A 19880728

Abstract (en)

[origin: EP0352399A1] For treating sheet steel electrolytically galvanised on one side, the ungalvanised side is contacted with an aqueous pickling fluid which contains a hydroxycarboxylic acid and a peroxo compound. This method succeeds in removing extremely resistant mixed oxides, which lead to striped yellow or brown discolourations on the ungalvanised sheet steel surface of fine sheet electrolytically galvanised on one side. The fresh metal surface thus formed is at the same time passivated.

IPC 1-7

**C23G 1/08**; **C25D 5/02**

IPC 8 full level

**C23G 1/08** (2006.01); **C25D 5/02** (2006.01)

CPC (source: EP US)

**C23G 1/088** (2013.01 - EP US); **C25D 5/028** (2013.01 - EP US)

Cited by

EP0595686A1; ES2055660A1; DE10156624A1; DE10156624B4; US6277213B1

Designated contracting state (EPC)

AT BE DE ES FR GB IT NL SE

DOCDB simple family (publication)

**EP 0352399 A1 19900131**; **EP 0352399 B1 19920513**; AT E76115 T1 19920515; DE 3871143 D1 19920617; ES 2033017 T3 19930301; US 5043022 A 19910827

DOCDB simple family (application)

**EP 88890198 A 19880728**; AT 88890198 T 19880728; DE 3871143 T 19880728; ES 88890198 T 19880728; US 38708089 A 19890728