

Title (en)

STEEL STRIP PLATED WITH A ZINC-BASED COATING LAYER CONTAINING AN INORGANIC DISPERSOID

Publication

EP 0174019 B1 19890301 (EN)

Application

EP 85111166 A 19850904

Priority

JP 18530084 A 19840906

Abstract (en)

[origin: EP0174019A1] A zinc-plated steel strip having enhanced corrosion resistance, workability, and weldability comprising a steel strip substrate, at least one surface coating layer formed on at least a portion of the substrate surface, and, optionally, at least an intermediate coating layer formed between the substrate and the surface coating layer and consisting of zinc or a zinc alloy, the surface coating layer consisting essentially of a zinc or zinc alloy matrix and fine dispersoid particles dispersed in the matrix and consisting an oxide, carbide, nitride, boride, phosphide, or sulfide of Al, Fe, Ti, Mo, Cu, Zn, Ni, Co, La, Ce, or Si.

IPC 1-7

C25D 15/02

IPC 8 full level

B32B 15/01 (2006.01); **C23C 2/26** (2006.01); **C25D 15/02** (2006.01)

CPC (source: EP US)

C23C 2/265 (2013.01 - EP US); **C25D 15/02** (2013.01 - EP)

Cited by

EP1348773A1; US4904545A; CN113512724A; GB2340131A; BE1015224A3; GB2209178A; GB2209178B; FR2822582A1; FR2822478A1; US4897317A; FR2623822A1; GB2212816A; GB2212816B; EP1365046A1; FR2839729A1; US4839241A; US5429881A; US4910095A; US5082536A; US5134039A; US2015165727A1; US9821534B2; CN113005494A; EP0291606A3; US4800134A; DE3819517A1; GB2206127A; GB2206127B; US7211323B2; FR2766844A1; FR2617193A2; US4873153A; FR2617195A1; US5006420A; FR2641547A1; US4915906A; US4868066A; EP0293476A4; US4908279A; GB2178760B; US6689489B2; WO0127343A1; WO0151681A3; US6468674B2; US9486984B2; EP0290836B1; US7118807B2; US7250076B2

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