

Title (en)

PRETREATMENT COMPOSITION FOR PHOSPHATISING FERROUS METALS, AND METHOD OF PREPARING THE SAME

Publication

**EP 0056675 B1 19841128 (EN)**

Application

**EP 82200062 A 19820119**

Priority

JP 702881 A 19810119

Abstract (en)

[origin: EP0056675A2] An aqueous composition for the treatment of ferrous metal surfaces is a solution comprising: (a) titanium compound in amount from 1 to 100 parts per million by weight, measured as titanium; (b) phosphate and/or acid phosphate in amount totalling from 50 to 1500 parts per million by weight, measured as PO<sub>4</sub>; (c) pyrophosphate in amount from 10 to 300 parts per million by weight, measured as P<sub>2</sub>O<sub>7</sub>; and (d) carbonate and/or acid carbonate in amount totalling 20 to 1500 parts per million by weight, measured as CO<sub>3</sub>; the solution having a pH from 8.5 to 9.5.

IPC 1-7

**C23F 7/10**

IPC 8 full level

**C23C 22/80** (2006.01)

CPC (source: EP)

**C23C 22/80** (2013.01)

Cited by

US5112395A; EP0201841A3; US5026423A; US5039362A; US5112414A; US11518960B2; WO2004011231A1; WO9103582A1

Designated contracting state (EPC)

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