

Title (en)

Cleaning and passivation treatment for metals.

Title (de)

Reinigungs- und Passivierungsbehandlung von Metallen.

Title (fr)

Traitement de nettoyage et de passivation de métaux.

Publication

EP 0683246 A1 19951122 (EN)

Application

EP 95301519 A 19950308

Priority

US 24655094 A 19940520

Abstract (en)

There is disclosed a cleaning and passivating treatment solution for ferrous metal surface comprising an essentially amine; alkanol amine and phosphate free aqueous solution of (a) from about 0.05 to 5.0% by weight of a caprylic acid derivative of imidazoline amphoteric surfactant, (b) a borate ion and (c) a molybdate ion wherein the ratio of imidazoline amphoteric surfactant to borate ion is from about 1:0.4 to 1:5 and the ratio of sodium molybdate to imidazoline amphoteric surfactant and borate ion is more than about 1:4. There is also disclosed a method of cleaning and passivating a ferrous metal surface.

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C23F 11/08; **C23G 1/24**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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