

Title (en)

ACID BASED VARIABLE VISCOSITY COMPOSITIONS SUCH AS CORROSION AND GREASE REMOVERS AND POLISHERS

Publication

**EP 0151114 B1 19900404 (EN)**

Application

**EP 83902583 A 19830706**

Priority

US 8301014 W 19830706

Abstract (en)

[origin: WO8500379A1] An improved, highly penetrating rust remover and/or degreaser composition for metallic surfaces, which is chemically inhibited to substantially prevent oxidation-reduction reactions with a metal substrate and limit the action of the composition to a chemical attack on corrosion. The composition is preferably a single phase dispersion and includes respective quantities of an acid such as hydrochloric acid and phosphoric acid, an organic compound containing a nitrogen, oxygen or sulfur atom such as N-(2-hydroxyethyl) oxazolidine, an alcohol or other organic solvent for grease removal, water and one or more emulsifiers (e.g., a derivative of hydrogenated tallow) for stabilizing and lowering the surface tension of the resultant composition. The compositions may be formulated as liquids or with a viscosity control agent such as a polymer of vinyl pyrrolidone to give a paste-like consistency permitting easy use thereof on vertical surfaces. In other forms, the compositions hereof may include a mild abrasive such as activated silica gel.

IPC 1-7

**C11D 7/08; C11D 7/32**

IPC 8 full level

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