

Title (en)

PROCESS AND COMPOSITION FOR TREATING METALS

Title (de)

VERFAHREN UND ZUSAMMENSETZUNG ZUR BEHANDLUNG VON METALLEN

Title (fr)

PROCEDE ET COMPOSITION DE TRAITEMENT POUR DES METAUX

Publication

EP 1230422 A1 20020814 (EN)

Application

EP 00955557 A 20000814

Priority

- JP 23009499 A 19990816
- US 0022363 W 20000814

Abstract (en)

[origin: WO0112876A1] An aqueous liquid surface treatment composition that comprises (i) molecules each of which contains at least two moieties that conform to general formula (I) wherein each of R<1>, R<2>, and R<3> is independently selected from the group consisting of hydrogen atoms and alkyl moieties containing from 1 to 4 carbon atoms, all of these molecules together having a quotient of average molecular weight to the average number per molecules of moieties conforming to formula (I) that is within a range from 100 to 30,000, and (ii) one or more substances selected from the group consisting of organic acids, phosphoric acid, hydrofluoric acid, tetrafluoroboric acid, hexafluorosilicic acid, hexafluorotitanic acid, hexafluorozirconic acid, hexafluorohafnac acid, and ammonium salts of organic acids, phosphoric acid, hydrofluoric acid, tetrafluoroboric acid, hexafluorosilicic acid, hexafluorotitanic acid, hexafluorozirconic acid, and hexafluorohafnac acid produces a highly corrosion-resistant, strongly paint-adherent film on metal surfaces without using a chromium containing composition.

IPC 1-7

C23C 22/05; C23C 22/00; C09D 5/00; C09D 183/00

IPC 8 full level

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CPC (source: EP KR)

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