

Title (en)

MODIFIED STARCH, AQUEOUS SOLUTION OF A MODIFIED STARCH AND PROCESS FOR PRETREATING STEEL SURFACES

Title (de)

MODIFIZIERTE STÄRKE, WÄSSRIGE LÖSUNG EINER MODIFIZIERTEN STÄRKE UND VERFAHREN ZUR VORBEHANDLUNG VON STAHLÖBERFLÄCHEN

Title (fr)

AMIDON MODIFIE, SOLUTION AQUEUSE D'UN AMIDON MODIFIE ET PROCEDE DE PRETRAITEMENT DE SURFACES EN ACIER

Publication

EP 1943373 A1 20080716 (EN)

Application

EP 06799522 A 20060922

Priority

- NL 2006050232 W 20060922
- EP 05108815 A 20050923
- EP 06799522 A 20060922

Abstract (en)

[origin: WO2007035099A1] The invention provides a process of improving the corrosion resistance of metal surfaces by treating the metal surfaces with an aqueous solution of a modified polysaccharide containing from 0.1 to 0.9 anionic groups per monosaccharide unit and from 0.1 to 2.0 C₁-C₆ alkyl or alkanoyl groups per monosaccharide unit. The modified polysaccharide has a relatively high molecular weight of between 30 kDa and 10 MDa.

IPC 8 full level

C23C 22/78 (2006.01); **C08B 31/18** (2006.01); **C09D 103/04** (2006.01); **C23F 11/173** (2006.01)

CPC (source: EP)

C08B 31/185 (2013.01); **C09D 103/04** (2013.01); **C23C 22/78** (2013.01); **C23F 11/173** (2013.01)

Citation (search report)

See references of WO 2007035099A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007035099 A1 20070329; EP 1943373 A1 20080716

DOCDB simple family (application)

NL 2006050232 W 20060922; EP 06799522 A 20060922