

Title (en)
LIQUID CLEANER FOR AUTOMATED INSTRUMENT PROCESSING

Title (de)
FLÜSSIGREINIGER FÜR AUTOMATISIERTE INSTRUMENTVERARBEITUNG

Title (fr)
NETTOYANT LIQUIDE POUR TRAITEMENT AUTOMATISÉ

Publication
EP 2609185 B1 20190116 (EN)

Application
EP 10754907 A 20100827

Priority
EP 2010062566 W 20100827

Abstract (en)
[origin: WO2012025160A1] The present invention relates to a liquid alkaline composition for cleaning metal surfaces, comprising at least one alkaline source, at least one disilicate corrosion inhibitor, at least a first sequestering agent, and at least one solvent, wherein the weight ratio of the disilicate to the sequestering agent is in the range from 0.1 : 1 to 1 : 1, and the weight ratio of the alkaline source to the sequestering agent is in the range from 0.01 : 1 to 1 : 1. The liquid alkaline composition provides an enhanced removal of blood and/or protein soils and prevents corrosion of metal surfaces.

IPC 8 full level
C11D 7/06 (2006.01); **C11D 7/14** (2006.01); **C11D 7/22** (2006.01); **C11D 7/26** (2006.01); **C11D 7/32** (2006.01); **C11D 7/34** (2006.01); **C11D 7/36** (2006.01); **C11D 7/50** (2006.01); **C11D 11/00** (2006.01); **C23G 1/14** (2006.01); **C23G 1/16** (2006.01); **C23G 1/19** (2006.01); **C23G 1/22** (2006.01); **C23G 3/00** (2006.01)

CPC (source: EP)
C11D 3/0073 (2013.01); **C11D 7/06** (2013.01); **C11D 7/12** (2013.01); **C11D 7/14** (2013.01); **C11D 7/265** (2013.01); **C11D 7/3245** (2013.01); **C11D 7/5022** (2013.01); **C23G 1/14** (2013.01); **C23G 1/16** (2013.01); **C23G 1/19** (2013.01); **C23G 1/22** (2013.01); **C23G 3/00** (2013.01); **C11D 2111/16** (2024.01)

Cited by
CN113186545A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
WO 2012025160 A1 20120301; EP 2609185 A1 20130703; EP 2609185 B1 20190116

DOCDB simple family (application)
EP 2010062566 W 20100827; EP 10754907 A 20100827