

Title (en)  
Degreasing method and degreasing apparatus

Title (de)  
Verfahren und Vorrichtung zur Entfettung

Title (fr)  
Procédé et appareil de dégraissage

Publication  
**EP 2055805 A3 20110629 (EN)**

Application  
**EP 08018915 A 20081029**

Priority  

- JP 2007286181 A 20071102
- JP 2008229996 A 20080908

Abstract (en)  
[origin: EP2055805A2] Prior to immersion of an object to be treated in a degreasing liquid, an aqueous solution 20 having a pH of 5.5 to 10.0 is put into a sac-shaped portion of a vehicle body 2. Even when the vehicle body 2 is passed through the degreasing liquid, the aqueous solution 20 is not replaced with the degreasing liquid, and alkaline solid substances do not remain in the hemmed portion 2a. This prevents the water in the sac-shaped portion from having the high alkalinity even when water comes into the hemmed portion 2a later. The degreasing method can prevent the decrease in corrosion resistance of the joint portion of the object to be treated.

IPC 8 full level  
**C23G 1/14** (2006.01); **C11D 11/00** (2006.01); **C23C 22/78** (2006.01); **C23G 1/16** (2006.01); **C23G 1/20** (2006.01); **C23G 1/26** (2006.01)

CPC (source: EP)  
**B08B 3/04** (2013.01); **B08B 3/08** (2013.01); **C23C 22/78** (2013.01); **C23G 1/14** (2013.01); **C23G 1/16** (2013.01); **C23G 1/20** (2013.01);  
**C23G 1/26** (2013.01); **C25D 13/20** (2013.01)

Citation (search report)  

- [X] US 6318382 B1 20011120 - KATAGIRI HIROYUKI [JP], et al
- [XY] US 2001025646 A1 20011004 - MCTIGHE JOHN [US], et al
- [XY] US 4205101 A 19800527 - NESS NORMAN M [GB]
- [XY] US 4974307 A 19901204 - UEBAYASHI YOSHITAKA [JP], et al
- [Y] US H2089 H 20031104 - CORMIER GERALD J [US], et al
- [Y] US 6328816 B1 20011211 - CARLSON LAWRENCE R [US], et al
- [Y] US 6548468 B1 20030415 - BOULOS MERVET S [US], et al
- [Y] US 6694804 B1 20040224 - ROELOFS ROBERT R [US]
- [Y] EP 0864638 A2 19980916 - SHOWA DENKO KK [JP], et al
- [A] GB 1450836 A 19760929 - CARRIER DRYSYS LTD

Cited by  
ITVR20120135A1; ITVR20120134A1

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

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 2055805 A2 20090506; EP 2055805 A3 20110629; EP 2055805 B1 20140402**

DOCDB simple family (application)  
**EP 08018915 A 20081029**