Title (en)
METAL CLEANING COMPOSITION

Title (de)
ZUSAMMENSETZUNG ZUM METALLREINIGEN

Title (fr)
COMPOSITION DE NETTOYAGE POUR METAUX

Publication
EP 1204731 A1 20020515 (EN)

Application
EP 00948166 A 20000727

Priority
• GB 0002891 W 20000727
• GB 9917853 A 19990729

Abstract (en)
[origin: WO0109274A1] A metal cleaning composition comprising at least one primary surfactant selected from nonionic and amphoteric surfactants, at least one glycol, tar acid, deionised water, and one or more acids selected from orthphosphoric, phosphonic, glycolic, gluconic, glucoheptonic and citric acids. The composition is used to clean an automobile engine by spraying it into the air intake of the running engine.

IPC 1-7
C11D 1/44; C11D 1/88; C11D 3/20; C11D 3/04; C23G 1/02

IPC 8 full level
C11D 1/44 (2006.01); **C11D 1/94** (2006.01); **C11D 3/02** (2006.01); **C11D 3/20** (2006.01); **C11D 3/32** (2006.01); **C11D 3/33** (2006.01); **C11D 3/36** (2006.01); **C11D 11/00** (2006.01); **C23G 1/02** (2006.01); **C23G 1/08** (2006.01); **F02B 77/04** (2006.01); C11D 1/52 (2006.01); C11D 1/90 (2006.01)

CPC (source: EP KR)
C11D 1/44 (2013.01 - EP); **C11D 1/66** (2013.01 - KR); **C11D 1/88** (2013.01 - KR); **C11D 1/94** (2013.01 - EP); **C11D 3/0047** (2013.01 - KR); **C11D 3/0073** (2013.01 - KR); **C11D 3/042** (2013.01 - EP); **C11D 3/2034** (2013.01 - EP); **C11D 3/2041** (2013.01 - KR); **C11D 3/2086** (2013.01 - EP); **C11D 3/22** (2013.01 - KR); **C11D 3/32** (2013.01 - EP); **C11D 3/33** (2013.01 - EP); **C11D 3/36** (2013.01 - EP); **C11D 3/3784** (2013.01 - KR); **C23G 1/02** (2013.01 - EP); **C23G 1/088** (2013.01 - EP); **F02B 77/04** (2013.01 - EP); C11D 1/523 (2013.01 - EP); C11D 1/90 (2013.01 - EP); C11D 2111/12 (2024.01 - KR); C11D 2111/16 (2024.01 - EP KR)

Citation (search report)
See references of WO 0109274A1

Cited by
EP2345702A1; US11834632B2; US9926517B2; WO2015088741A1

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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