

Title (en)  
CLEANING AGENTS FOR THE OUTER SURFACES OF MEANS OF TRANSPORT

Title (de)  
REINIGUNGSMITTEL FÜR VERKEHRSMITTELAUSSENFLÄCHEN

Title (fr)  
NETTOYANTS POUR SURFACES EXTERIEURES DE MOYENS DE TRANSPORT

Publication  
**EP 1468065 B1 20060920 (DE)**

Application  
**EP 02806022 A 20021218**

Priority  
• DE 10200727 A 20020111  
• EP 0214444 W 20021218

Abstract (en)  
[origin: US2005107284A1] The invention relates to the use of a composition for cleaning the outside of a means of transport. The composition contains component a) at least one tertiary amino oxide of formula  $R<SUB>1</SUB>R<SUB>2</SUB>R<SUB>3</SUB>NO$ , whereby  $R<SUB>1</SUB>$  represents an alkylamidoalkyl, alkenylamidoalkyl, alkoxypropylamidoalkyl or alkenylamidoalkyl group having between 8-18 carbon atoms,  $R<SUB>2</SUB>$  and  $R<SUB>3</SUB>$  represent, independently from each other, low molecular alkyl radicals or hydroxyethyl radicals or hydroxypropyl radicals, and component b) at least one alkali metal salt of polyasparaginic acid having a molecular weight of between 5,000 g/mol-50,000 g/mol, or a polyglutaminic acid having a molecular weight of between 5,000 g/mol-50,000 g/mol, or a mixture of both substances, whereby the weight ratio of the components a:b is between 10:1 and 3000:1. The cleaner of the present invention effectively removes dirt and comprises environmentally friendly corrosion inhibitors.

IPC 8 full level  
**B08B 3/08** (2006.01); **C11D 1/75** (2006.01); **C11D 3/37** (2006.01); **C11D 11/00** (2006.01); **C23G 1/18** (2006.01); **C23G 1/26** (2006.01)

CPC (source: EP US)  
**C11D 1/75** (2013.01 - EP US); **C11D 3/3719** (2013.01 - EP US); **C11D 2111/14** (2024.01 - EP US)

Designated contracting state (EPC)  
AT CH DE DK FI FR GB IT LI SE

DOCDB simple family (publication)  
**US 2005107284 A1 20050519; US 7053031 B2 20060530**; AT E340236 T1 20061015; CA 2473037 A1 20030717; CN 1239689 C 20060201; CN 1596298 A 20050316; DE 10200727 C1 20030612; DE 50208221 D1 20061102; DK 1468065 T3 20061211; EP 1468065 A1 20041020; EP 1468065 B1 20060920; JP 2005514493 A 20050519; NO 20043326 L 20040810; RU 2004124382 A 20060127; WO 03057812 A1 20030717

DOCDB simple family (application)  
**US 50113304 A 20040709**; AT 02806022 T 20021218; CA 2473037 A 20021218; CN 02823904 A 20021218; DE 10200727 A 20020111; DE 50208221 T 20021218; DK 02806022 T 20021218; EP 0214444 W 20021218; EP 02806022 A 20021218; JP 2003558114 A 20021218; NO 20043326 A 20040810; RU 2004124382 A 20021218