

Title (en)  
GEL-TYPE CLEANING AGENT FOR W.C. PANS

Title (de)  
GELFÖRMIGES REINIGUNGSMITTEL FÜR SPÜLTOILETTEN

Title (fr)  
GEL NETTOYANT POUR CUVETTES DE W-C.

Publication  
**EP 1131394 A1 20010912 (DE)**

Application  
**EP 99972249 A 19991109**

Priority  
• DE 19853110 A 19981118  
• EP 9908569 W 19991109

Abstract (en)  
[origin: DE19853110A1] The present invention relates to a gel-type cleaning agent for W.C. pans, wherein said agent contains a non-ionogenic surfactant that consists of an alkoxylated carboxylic acid ester mainly of the type of those produced by the alkoxylation of carboxylic acid esters in the presence of calcinated hydrotalcits as catalysts. This invention further relates to the use of such alkoxylated carboxylic acid esters in the production of gel-type cleaning agents for W.C. pans.

IPC 1-7  
**C11D 1/74**; C11D 17/00; C11D 1/83; C11D 1/825

IPC 8 full level  
**C11D 1/74** (2006.01); **C11D 1/83** (2006.01); **C11D 1/86** (2006.01); **C11D 3/22** (2006.01); **C11D 17/00** (2006.01); **C11D 1/06** (2006.01); **C11D 1/29** (2006.01); **C11D 1/52** (2006.01); **C11D 1/66** (2006.01); **C11D 1/72** (2006.01)

CPC (source: EP US)  
**C11D 1/74** (2013.01 - EP US); **C11D 1/83** (2013.01 - EP US); **C11D 1/86** (2013.01 - EP US); **C11D 3/222** (2013.01 - EP US); **C11D 17/003** (2013.01 - EP US); **C11D 1/06** (2013.01 - EP US); **C11D 1/29** (2013.01 - EP US); **C11D 1/523** (2013.01 - EP US); **C11D 1/662** (2013.01 - EP US); **C11D 1/72** (2013.01 - EP US)

Citation (search report)  
See references of WO 0029532A1

Cited by  
EP1029911A1

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**DE 19853110 A1 20000525**; EP 1131394 A1 20010912; US 6683035 B1 20040127; WO 0029532 A1 20000525

DOCDB simple family (application)  
**DE 19853110 A 19981118**; EP 9908569 W 19991109; EP 99972249 A 19991109; US 85623901 A 20010827