

Title (en)
Solid washing, rinsing and cleaning agents

Title (de)
Feste Wasch-, Spül- und Reinigungsmittel

Title (fr)
Produits solides de lavage, de rinçage et de nettoyage

Publication
EP 1302530 A3 20040211 (DE)

Application
EP 02022091 A 20021002

Priority
DE 10150400 A 20011011

Abstract (en)
[origin: EP1302530A2] Solid detergent, rinsing or cleaning compositions are obtained by introducing onto (in)organic carriers nonionic surfactants of melting point 35-70 degrees C and Brookfield viscosity below 5,000 mPas (as measured at 10 rpm using a number 1 spindle at 10 degrees C above the melting point).

IPC 1-7
C11D 1/722

IPC 8 full level
C11D 1/66 (2006.01); **C11D 1/722** (2006.01); **C11D 17/00** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP US)
C11D 1/66 (2013.01 - EP US); **C11D 1/722** (2013.01 - EP US); **C11D 17/0034** (2013.01 - EP US); **C11D 17/0073** (2013.01 - EP US);
C11D 17/06 (2013.01 - EP US)

Citation (search report)
• [X] WO 9304153 A1 19930304 - PROCTER & GAMBLE [US]
• [X] CH 505891 A 19710415 - PROCTER & GAMBLE [US]
• [X] WO 0148132 A1 20010705 - COGNIS DEUTSCHLAND GMBH [DE], et al
• [X] WO 0148133 A1 20010705 - COGNIS DEUTSCHLAND GMBH [DE], et al
• [X] WO 0148134 A1 20010705 - COGNIS DEUTSCHLAND GMBH [DE], et al
• [A] US 5967157 A 19991019 - CHATTERJEE KUNTAL [US], et al
• [PX] WO 0179401 A1 20011025 - COGNIS DEUTSCHLAND GMBH [DE], et al

Cited by
EP1931759A4; EP2103679A3; EP2208777A1; EP2441825A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

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EP 1302530 A2 20030416; EP 1302530 A3 20040211; DE 10150400 A1 20030417; US 2003100473 A1 20030529; US 2005245426 A1 20051103

DOCDB simple family (application)
EP 02022091 A 20021002; DE 10150400 A 20011011; US 26725602 A 20021009; US 9876705 A 20050404