

Title (en)

METHOD OF PRODUCING COMPACT CLEANING AGENTS FOR INDUSTRIAL DISH WASHING MACHINES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON KOMPAKTREINIGERN FÜR GEWERBLICHE GESCHIRRSPÜLMASCHINEN

Title (fr)

METHODE DE PREPARATION DE NETTOYANTS COMPACTS POUR LAVE-VAISSELLES INDUSTRIELS

Publication

EP 0900266 B1 20021009 (DE)

Application

EP 97920726 A 19970421

Priority

- DE 19617215 A 19960430
- EP 9701990 W 19970421

Abstract (en)

[origin: US6180578B1] A water-containing compact detergent composition having a controllably variable strength containing an aqueous lye solution, a viscosity increasing agent selected from a compound corresponding to formula I or formula II and a solid alkali metal hydroxide. The product is useful in domestic or institutional dishwashing machines.

IPC 1-7

C11D 7/26; **C11D 7/06**; **C11D 7/32**; **C11D 17/00**

IPC 8 full level

C11D 7/06 (2006.01); **C11D 7/16** (2006.01); **C11D 7/26** (2006.01); **C11D 7/32** (2006.01); **C11D 7/60** (2006.01); **C11D 17/00** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP US)

C11D 7/06 (2013.01 - EP US); **C11D 7/261** (2013.01 - EP US); **C11D 7/263** (2013.01 - EP US); **C11D 7/3218** (2013.01 - EP US); **C11D 7/3227** (2013.01 - EP US); **C11D 7/3245** (2013.01 - EP US); **C11D 17/006** (2013.01 - EP US); **C11D 17/0091** (2013.01 - EP US)

Cited by

US11058111B2; US12082580B2; US11021383B2; US11261113B2; US12103881B2; EP2171030B1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

US 6180578 B1 20010130; AU 2700297 A 19971119; AU 726432 B2 20001109; BR 9709746 A 19990810; CN 1217018 A 19990519; CZ 347898 A3 19990714; DE 19617215 A1 19971106; DE 59708442 D1 20021114; EP 0900266 A1 19990310; EP 0900266 B1 20021009; HU P9901888 A2 19991028; HU P9901888 A3 19991129; JP 2000509093 A 20000718; NO 984880 D0 19981019; NO 984880 L 19981019; NZ 332558 A 19990929; PL 329279 A1 19990315; SK 147798 A3 19990413; TR 199802165 T2 19990222; WO 9741203 A1 19971106; ZA 973706 B 19971030

DOCDB simple family (application)

US 18007898 A 19981105; AU 2700297 A 19970421; BR 9709746 A 19970421; CN 97194201 A 19970421; CZ 347898 A 19970421; DE 19617215 A 19960430; DE 59708442 T 19970421; EP 9701990 W 19970421; EP 97920726 A 19970421; HU P9901888 A 19970421; JP 53852897 A 19970421; NO 984880 A 19981019; NZ 33255897 A 19970421; PL 32927997 A 19970421; SK 147798 A 19970421; TR 9802165 T 19970421; ZA 973706 A 19970429