

Title (en)
Cleaner tablet with integrated pre-cleaner

Title (de)
Reinigertablette mit integriertem Vorreiniger

Title (fr)
Tablette nettoyante avec pré-nettoyant intégré

Publication
EP 2754708 B1 20180117 (DE)

Application
EP 13186900 A 20131001

Priority
DE 102013100195 A 20130110

Abstract (en)
[origin: EP2754708A1] Dishwasher tablet for cleaning kitchen appliances and dirty surfaces, preferably from the commercial kitchen area comprising a main cleaner system for cleansing a machine and an integrated precleaner system that begins to exert its effect already in a prewash cycle of the machine, comprises an alkaline cleaner. An independent claim is included for manufacturing the dishwasher tablet with the alkaline cleaner for cleaning kitchen appliances and dirty surfaces, comprising mixing detergent components comprising alkali system components, additional detergent components, other matrix components to form a detergent base composition, dividing the detergent base composition into a main cleaner mixture and a precleaner mixture, providing the main cleaner mixture with the retarding agent to provide a main cleaner compartment, and combining precleaner compartments with the main cleaner compartment.

IPC 8 full level
C11D 11/00 (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)
C11D 17/0078 (2013.01); **C11D 17/0091** (2013.01)

Citation (examination)

- GB 2330362 A 19990421 - MCBRIDE ROBERT LTD [GB]
- WO 9423011 A1 19941013 - HENKEL KGAA [DE], et al

Cited by
US10889783B2; US11932830B2; US10851331B2; US11427792B2; US11905493B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2754708 A1 20140716; EP 2754708 B1 20180117; DE 102013100195 A1 20140724; DK 2754708 T3 20180326; EP 3275991 A1 20180131; EP 3275991 B1 20220720; ES 2663608 T3 20180416; ES 2927703 T3 20221110; PL 2754708 T3 20180731; PL 3275991 T3 20221121

DOCDB simple family (application)
EP 13186900 A 20131001; DE 102013100195 A 20130110; DK 13186900 T 20131001; EP 17188435 A 20131001; ES 13186900 T 20131001; ES 17188435 T 20131001; PL 13186900 T 20131001; PL 17188435 T 20131001