

Title (en)
LAUNDRY DETERGENT COMPOSITION

Title (de)
WÄSCHEWASCHMITTELZUSAMMENSETZUNG

Title (fr)
COMPOSITION DE DÉTERGENT POUR LESSIVE

Publication
EP 3546560 A1 20191002 (EN)

Application
EP 19165556 A 20190327

Priority
EP 18164680 A 20180328

Abstract (en)
The present invention relates to a solid free flowing particulate laundry detergent composition, wherein the composition, at 1 wt% dilution in deionized water at 20 °C, has an equilibrium pH in the range of from 6.5 to 9.5, preferably from 6.5 to 8.5, and wherein the composition comprises: (a) from 1 wt % to 66 wt% anionic detergents; (b) source of hydrogen peroxide; (c) bleach activator; and (d) from 0.001 wt% to 2.0 wt% perfume; wherein the perfume comprises: (i) from 0 wt% to less than 34 wt% perfume raw materials comprising an isolated C=C double bond, wherein an isolated C=C double bond is a C=C bond that does not directly co-valently bond to any -C=C, -C=X, -CN, or aromatic ring moiety; (ii) from 33 wt% to 100 wt% perfume raw materials selected from: (ii)(a) perfume raw material comprising the moiety: wherein represents one or two aromatic rings; the aromatic rings may each independently comprise O and/or N, X is selected from -H, -CH, -CHCHOH, -CH-B, -C(O)-B, -Ph-B, Y is selected from -H, -CH, -CH(CH), -CH-B, -O-B, -C(O)-B, -C(O)-O-B, -CH=CH-B; each B is independently selected from hydrogen, a substituted or unsubstituted, linear or branched or cyclic alkyl group, and benzyl group; (ii)(b) perfume raw material comprising the moiety: wherein Z is selected from -O-, -C(O)-, R1, R2, and R3 are each independently selected from H, unsubstituted hydrocarbon, substituted hydrocarbon, wherein at least one of R1, R2 or R3 comprise a tertiary or quaternary carbon; and/or (ii)(c) perfume raw material comprising the moiety: R-X-R wherein X is selected from -C(O)-O-, -C(O)-, R5 is a substitutional group which comprises tertiary carbon, quaternary carbon, and/or unsaturated non aromatic carbon directly co-valently bonded to X, R6 is a linear/branched/cyclic, saturated/unsaturated hydrocarbon of Cor above.

IPC 8 full level
C11D 3/00 (2006.01); **C11D 3/39** (2006.01); **C11D 3/50** (2006.01)

CPC (source: EP)
C11D 3/0047 (2013.01); **C11D 3/3907** (2013.01); **C11D 3/50** (2013.01)

Citation (search report)
• [X] WO 9631590 A1 19961010 - PROCTER & GAMBLE [US]
• [A] EP 0778342 A1 19970611 - PROCTER & GAMBLE [US]

Cited by
US2023039859A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3546560 A1 20191002; WO 2019191171 A1 20191003

DOCDB simple family (application)
EP 19165556 A 20190327; US 2019024196 W 20190327