

Title (en)
FABRIC CONDITIONERS

Title (de)
Wäscheweichspüler

Title (fr)
Compositions assouplissantes pour le linge

Publication
EP 2646533 B2 20230705 (EN)

Application
EP 11779648 A 20111104

Priority
• EP 10193691 A 20101203
• EP 2011069411 W 20111104
• EP 11779648 A 20111104

Abstract (en)
[origin: WO2012072368A1] An aqueous fabric conditioner composition comprising (a) from 2 to 9 wt % of a fabric softening active, by weight of the total composition, wherein the fabric softening active is an ester-linked quaternary ammonium compound having fatty acid chains comprising from 20 to 35 wt % of saturated C18 chains and from 20 to 35 wt % of monounsaturated C18 chains, by weight of total fatty acid chains; and (b) from 0.05 to 1.0 wt % by weight of the total composition of a hydrophobic agent having a ClogP of from 4 to 9; wherein the aqueous fabric conditioner composition has a stable viscosity of greater than 50 cps, preferably from 55 to 200 cps as measured on a cup and bob viscometer; the viscosity being continuously measured under shear at 106s-1 for 60 seconds, at 25°C.

IPC 8 full level
C11D 1/62 (2006.01); **C11D 3/00** (2006.01); **C11D 3/20** (2006.01)

CPC (source: EP)
C11D 1/62 (2013.01); **C11D 3/0015** (2013.01); **C11D 3/2006** (2013.01); **C11D 3/2093** (2013.01)

Citation (opposition)
Opponent :
• WO 2012072369 A1 20120607 - UNILEVER PLC [GB], et al
• WO 2012072370 A1 20120607 - UNILEVER PLC [GB], et al
• WO 2012052349 A1 20120426 - UNILEVER PLC [GB], et al
• WO 0004118 A1 20000127 - COLGATE PALMOLIVE CO [US]
• WO 0006690 A1 20000210 - COLGATE PALMOLIVE CO [US]
• US 6664223 B2 20031216 - ZAPPONE MARIANNE [US], et al
• EP 0845523 A2 19980603 - GIVAUDAN ROURE INT [CH]
• EP 2053119 A1 20090429 - PROCTER & GAMBLE [US]

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)
WO 2012072368 A1 20120607; **WO 2012072368 A8 20130502**; AR 084055 A1 20130417; BR 112013013376 A2 20160906;
CN 103228773 A 20130731; EP 2646533 A1 20131009; EP 2646533 B1 20150729; EP 2646533 B2 20230705; ES 2547418 T3 20151006;
ZA 201303339 B 20140730

DOCDB simple family (application)
EP 2011069411 W 20111104; AR P110104465 A 20111201; BR 112013013376 A 20111104; CN 201180058197 A 20111104;
EP 11779648 A 20111104; ES 11779648 T 20111104; ZA 201303339 A 20130508