

Title (en)  
DETERGENT COMPOSITION

Title (de)  
REINIGUNGSMITTELZUSAMMENSETZUNG

Title (fr)  
COMPOSITION DE DÉTERGENT

Publication  
**EP 4073216 B1 20230809 (EN)**

Application  
**EP 20803594 A 20201113**

Priority  
• EP 19215248 A 20191211  
• EP 2020082020 W 20201113

Abstract (en)  
[origin: WO2021115724A1] The present invention relates to a detergent composition. More particularly, the invention is directed to a softening in the wash laundry composition. It is seen that in a carbonate-built detergent composition, the softening properties of a fabric softening component on the fabric reduces over multiple washes and there is a desire to further improve the softening benefits on fabric in wash. Moreover, there is a need to provide softening detergent compositions while maintaining the cleaning performance. It is thus an object of the present invention to provide a detergent composition capable of imparting improved softness and cleaning performance to fabrics treated during the wash cycle of a laundering process. It is found by the present inventors that the presence of a chelating agent and a neutralized soap leads to significantly enhanced fabric softening benefits in a carbonate-built laundry detergent composition having a cationic polymer whilst maintaining good cleaning performance.

IPC 8 full level  
**C11D 3/10** (2006.01); **C11D 3/00** (2006.01); **C11D 3/22** (2006.01); **C11D 3/33** (2006.01); **C11D 3/36** (2006.01); **C11D 3/37** (2006.01); **C11D 9/12** (2006.01); **C11D 9/26** (2006.01); **C11D 9/30** (2006.01); **C11D 9/34** (2006.01); **C11D 10/04** (2006.01)

CPC (source: EP)  
**C11D 3/001** (2013.01); **C11D 3/10** (2013.01); **C11D 3/227** (2013.01); **C11D 3/33** (2013.01); **C11D 3/361** (2013.01); **C11D 3/362** (2013.01); **C11D 3/364** (2013.01); **C11D 3/3769** (2013.01); **C11D 9/12** (2013.01); **C11D 9/262** (2013.01); **C11D 9/30** (2013.01); **C11D 9/34** (2013.01); **C11D 10/04** (2013.01)

Citation (examination)  
• EP 1903100 B1 20090603 - UNILEVER NV [NL], et al  
• WO 03038028 A2 20030508 - HENKEL KGAA [DE], et al

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 2021115724 A1 20210617**; BR 112022011360 A2 20220823; EP 4073216 A1 20221019; EP 4073216 B1 20230809; ZA 202206435 B 20231129

DOCDB simple family (application)  
**EP 2020082020 W 20201113**; BR 112022011360 A 20201113; EP 20803594 A 20201113; ZA 202206435 A 20220609