

Title (en)  
DETERGENT SOLID COMPOSITION

Title (de)  
FESTE WASCHMITTELZUSAMMENSETZUNG

Title (fr)  
COMPOSITION DÉTERGENTE SOLIDE

Publication  
**EP 4017956 B1 20230315 (EN)**

Application  
**EP 20758222 A 20200820**

Priority

- EP 19192833 A 20190821
- EP 19192827 A 20190821
- EP 19192831 A 20190821
- EP 19192834 A 20190821
- EP 19192836 A 20190821
- EP 19192828 A 20190821
- EP 2020073324 W 20200820

Abstract (en)  
[origin: WO2021032816A1] A solid composition comprising: a) from 25 to 88 wt. % free acid equivalent of non-crystalline chiral aminopolycarboxylate; and b) from 10 to 60 wt. % free acid equivalent of non-crystalline organic acid different from aminopolycarboxylate; and c) from 0.00001 to 1.0 wt. % of colourant, wherein the colourant comprises dye, pigment or a combination thereof, wherein the dye has an extinction coefficient at the maximum absorption in the range of 400 to 700nm of greater than 1000 L mol<sup>-1</sup> cm<sup>-1</sup>; and d) from 0.7 to 25 wt. % of water; wherein the organic acid has an average molecular mass of at most 500 Dalton, the molecular mass being based on the free acid equivalent.

IPC 8 full level  
**C11D 3/20** (2006.01); **C11D 3/33** (2006.01); **C11D 3/40** (2006.01); **C11D 7/26** (2006.01); **C11D 7/32** (2006.01); **C11D 17/04** (2006.01); **C11D 17/00** (2006.01)

CPC (source: CN EP)  
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Citation (examination)

- US 2017198241 A1 20170713 - AL-BAYATI ALIAS [DE], et al
- EP 2794836 B1 20160601 - UNILEVER NV [NL], et al

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**WO 2021032816 A1 20210225**; CN 114258427 A 20220329; CN 114269889 A 20220401; CN 114286854 A 20220405; CN 114302947 A 20220408; CN 114341325 A 20220412; CN 114341330 A 20220412; EP 4017952 A1 20220629; EP 4017952 B1 20230322; EP 4017953 A1 20220629; EP 4017953 B1 20230412; EP 4017954 A1 20220629; EP 4017954 B1 20230405; EP 4017955 A1 20220629; EP 4017955 B1 20230322; EP 4017956 A1 20220629; EP 4017956 B1 20230315; EP 4017957 A1 20220629; EP 4017957 B1 20230329; ES 2942916 T3 20230607; ES 2943127 T3 20230609; ES 2943558 T3 20230614; ES 2944450 T3 20230621; ES 2944952 T3 20230627; ES 2945459 T3 20230703; WO 2021032815 A1 20210225; WO 2021032817 A1 20210225; WO 2021032818 A1 20210225; WO 2021032833 A1 20210225; WO 2021032834 A1 20210225

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**EP 2020073279 W 20200820**; CN 202080058492 A 20200820; CN 202080058501 A 20200820; CN 202080058583 A 20200820; CN 202080058725 A 20200820; CN 202080058726 A 20200820; CN 202080058749 A 20200820; EP 2020073278 W 20200820; EP 2020073280 W 20200820; EP 2020073281 W 20200820; EP 2020073324 W 20200820; EP 2020073326 W 20200820; EP 20756881 A 20200820; EP 20756882 A 20200820; EP 20756883 A 20200820; EP 20757347 A 20200820; EP 20758222 A 20200820; EP 20758223 A 20200820; ES 20756881 T 20200820; ES 20756882 T 20200820; ES 20756883 T 20200820; ES 20757347 T 20200820; ES 20758222 T 20200820; ES 20758223 T 20200820