

Title (en)
Detergent compositions.

Title (de)
Reinigungsmittel.

Title (fr)
Compositions détergentes.

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Application
EP 88202253 A 19881010

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Abstract (en)
Detergent compositions are disclosed which comprise a fabric softening, smectite-type clay. The clay is treated with organic humectants to enhance the softening benefit.

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C11D 3/12; **C11D 3/20**

IPC 8 full level
C11D 3/12 (2006.01); **C11D 3/60** (2006.01)

CPC (source: EP)
C11D 3/126 (2013.01)

Cited by
WO2008025505A1; EP2138563A1; EP0534009A1; EP0865480A4; US2014336029A1; EP1894993A1; EP2380958A1; US8722611B2; EP0709452A1; WO9820116A1; US6764986B1; WO2009158149A1; WO0066688A1; DE102007012910A1; WO03031266A1; US6713442B2; US6972276B1; DE102008050360A1; WO2011051681A1; WO2012149325A1; EP4209264A1; WO2017079756A1; US6881717B1; WO2017079751A1; EP4141113A1; US6794349B2; WO9820115A1; EP2278001A1; WO0060039A1; WO9207927A1; EP0653480B1; WO2012149317A1; US8802388B2; WO2014182602A1; US8986970B2; DE102007012909A1; EP1923455A2; WO2004053039A2; US6740713B1; EP2311941A1; WO2014100018A1; EP2261359A1; EP2284272A1; EP2287318A1; WO2012149333A1; WO2024050339A1; EP1431384B2

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EP 88202253 A 19881010; DE 3881329 T 19881010; DK 581988 A 19881019; GR 920403265 T 19930527; IE 316188 A 19881019; IN 894DE1988 A 19881017; JP 26382688 A 19881019; MX 1348288 A 19881019