

Title (en)

CELLULASE-CONTAINING WASHING AGENTS

Title (de)

CELLULASEHALTIGES WASCHMITTEL

Title (fr)

DETERGENTS CONTENANT DE LA CELLULASE

Publication

EP 0822973 B1 19990616 (DE)

Application

EP 96914938 A 19960418

Priority

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Abstract (en)

[origin: US5904736A] PCT No. PCT/EP96/01616 Sec. 371 Date Nov. 21, 1997 Sec. 102(e) Date Nov. 21, 1997 PCT Filed Apr. 18, 1996 PCT Pub. No. WO96/34080 PCT Pub. Date Oct. 31, 1996In washing agents containing tensides and cellulase, the properties of the cellulase which are relevant to the application were to be improved. This was essentially achieved in that use was made of a cellulase mixture in which the first component, with a CMCase activity of 1 U per liter and a protein concentration of at most 3 mg per liter, gives an increase in remission of at least 5 units in the secondary washing test and the second component, with a CMCase activity of 20 U per liter gives an increase in absorption in the cellulose decomposition test of at least 0.075.

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IPC 8 full level

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US 5904736 A 19990518; AT E181355 T1 19990715; AU 5689596 A 19961118; AU 718993 B2 20000504; CA 2218953 A1 19961031; CN 1185803 A 19980624; DE 19515072 A1 19961031; DE 59602253 D1 19990722; DK 0822973 T3 20000117; EP 0822973 A1 19980211; EP 0822973 B1 19990616; ES 2135229 T3 19991016; JP H11504059 A 19990406; KR 19990008084 A 19990125; MX 9708166 A 19980630; NZ 307524 A 19990729; WO 9634080 A1 19961031

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US 93012497 A 19971121; AT 96914938 T 19960418; AU 5689596 A 19960418; CA 2218953 A 19960418; CN 96194238 A 19960418; DE 19515072 A 19950428; DE 59602253 T 19960418; DK 96914938 T 19960418; EP 9601616 W 19960418; EP 96914938 A 19960418; ES 96914938 T 19960418; JP 53214296 A 19960418; KR 19970707608 A 19971027; MX 9708166 A 19971023; NZ 30752496 A 19960418