

Title (en)

COMPOUNDS OF WASHING AND CLEANING AGENTS WITH POLYASPARTIC ACID AND/OR IMINODISUCCINATES

Title (de)

WASCH-UND REINIGUNGSMITTEL-COMPOUNDS MIT POLYASPARAGINSÄUREN UND/ODER IMINODISUCCINATEN

Title (fr)

COMPOSES DETERGENTS ET NETTOYANTS COMPORTANT DES ACIDES POLYASPARTIQUES ET/OU DES IMINODISUCCINATES

Publication

**EP 1155108 A1 20011121 (DE)**

Application

**EP 00907509 A 20000207**

Priority

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- EP 0000953 W 20000207

Abstract (en)

[origin: DE19907014A1] Formulation of preformed compositions based on spray-dried polyaspartic acid (PAA) and/or spray-dried iminodisuccinates (IDS) is effected by first mixing the spray-dried compound with one or more detergent components in a solids mixer and then proceeding by agglomeration, compacting or extrusion Three alternative processes are claimed, each following on after the above solids mixing step, these being: (A) steps of (i) agglomerating the mixture using a liquid; (ii) powdering the agglomerate with a powder having a fine particle size distribution and a high specific surface; (iii) mixing with conventional powdered detergent components; and (iv) sieving-off the coarse fraction; (B) steps of (i) compacting the mixture; and (ii) comminuting to the required particle size; and (C) steps of (i) compacting using one or two screws; and (ii) extruding through a perforated plate and cutting to the required lengths.

IPC 1-7

**C11D 3/37**; **C11D 17/06**; **C11D 11/00**; **C11D 11/02**

IPC 8 full level

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CPC (source: EP)

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