

Title (en)  
POLYHYDROXYALKYLAMIDOBETAINE

Title (de)  
POLYHYDROXYALKYLAMIDOBETAINE

Title (fr)  
POLYHYDROXYALKYLAMIDOBETAINES

Publication  
**EP 0843657 A1 19980527 (DE)**

Application  
**EP 96926378 A 19960720**

Priority  
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• EP 9603213 W 19960720

Abstract (en)  
[origin: DE19527630A1] The betaine compounds described correspond to formula (1) in which RCO is an aliphatic acyl group with 6 to 22 carbon atoms, Z is a straight-chain polyhydroxyhydrocarbon group with at least three optionally oxalkylated hydroxyl groups, m is a whole number from 1 to 4, n is a whole number from 1 to 4, R<1> is C1 to C4 alkyl or C2 to C4 hydroxyalkyl and R<2> is C1 to C4 alkyl or C2 to C4 hydroxyalkyl. The betaine compounds, and aqueous, alcoholic or aqueous-alcoholic solutions and dispersions of them, are prepared by betainization of the corresponding tertiary-amine compound with a halo acid or a halo acid salt. These betaine compounds and their solutions are suitable in particular for the production of surface-active agents for hair and body care.

IPC 1-7  
**C07C 233/36; C11D 1/90**

IPC 8 full level  
**A61K 8/00** (2006.01); **A61K 8/30** (2006.01); **C07H 15/04** (2006.01); **A61K 8/34** (2006.01); **A61K 8/40** (2006.01); **A61Q 5/00** (2006.01); **A61Q 5/02** (2006.01); **C07C 231/12** (2006.01); **C07C 233/36** (2006.01); **C11D 1/90** (2006.01)

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