

Title (en)  
ANTIPERSPIRANT STICK

Title (de)  
ANTITRANSPIRANT-STIFT

Title (fr)  
BATON ANTITRANSPIRATION

Publication  
**EP 1178775 A1 20020213 (DE)**

Application  
**EP 00929459 A 20000428**

Priority  
• DE 19921192 A 19990507  
• EP 0003863 W 20000428

Abstract (en)  
[origin: DE19921192A1] The invention relates to an antiperspirant stick with a content of (A) 10-30 wt. % astringent aluminium salts, zirconium salts or zinc salts, (B) 30-50 wt. % liquid carrier components, (C) 18-30 wt. % stabilising fat or wax components and (D) 1-20 wt. % water-soluble surfactants. The antiperspirant stick is provided with an improved antiperspirant effect when the liquid carrier component contains 20-40 wt. % nonpolar oil, e.g. a liquid silicone oil, and 10-30 wt. % polar oil selected from liquid, branched alkanols, alkandioles, ether alcohols and dialkyl ethers with 12-24 C-atoms and addition products of 2-30 mol propylene oxide to monovalent or multivalent alkanols with 3-20 C-atoms respectively in relation to the entire stick mass respectively.

IPC 1-7  
**A61K 7/32**

IPC 8 full level  
**A61K 8/00** (2006.01); **A61K 8/25** (2006.01); **A61K 8/26** (2006.01); **A61K 8/33** (2006.01); **A61K 8/34** (2006.01); **A61K 8/36** (2006.01); **A61K 8/37** (2006.01); **A61K 8/39** (2006.01); **A61K 8/58** (2006.01); **A61K 8/86** (2006.01); **A61K 8/89** (2006.01); **A61K 8/891** (2006.01); **A61K 8/92** (2006.01); **A61Q 15/00** (2006.01)

IPC 8 main group level  
**A61K** (2006.01)

CPC (source: EP)  
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Cited by  
DE102010008320A1; WO2011101250A1; DE102011090113A1; WO2013098141A2; DE102021200919A1; WO2022167176A1; WO2010097205A2; DE102009010665A1; DE202010015556U1; EP2799059A1; EP3111916A1

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