

Title (en)
Car polish and drying agent

Title (de)
Autoglanztrocknungsmittel

Title (fr)
Agent de polissage et de séchage des voitures

Publication
EP 0703291 A3 19960821 (DE)

Application
EP 95113096 A 19950821

Priority
DE 4430721 A 19940830

Abstract (en)
[origin: US5703029A] The present invention relates to a car dry-bright composition comprising from 1 to 30% by weight of quaternary ammonium compounds of the formula <IMAGE> in which R1 is independently at each occurrence C₆-C₂₂-alkyl or C₆-C₂₂-alkenyl, m and n independently of one another are a number from 1 to 6, R₂ is C₁-C₄-alkyl, R₄ is hydrogen or C₁-C₄-alkyl, R₅ is hydrogen or a group of the formula C(O)R₁, R₃ is C₁-C₄-alkyl or a group of the formula <IMAGE> in which R₄ and R₅ are as defined above and p is a number from 1 to 6, and A(-) is an anion, and water and, if desired, further auxiliaries corresponding to the balance to 100% by weight.

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C11D 1/62

IPC 8 full level
C09G 1/04 (2006.01); **C11D 1/62** (2006.01)

CPC (source: EP US)
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Citation (search report)
• [X] EP 0421146 A2 19910410 - DURSOL FABRIK OTTO DURST GMBH [DE]
• [DA] EP 0264634 A1 19880427 - HOECHST AG [DE]
• [DA] EP 0003775 A1 19790905 - HOECHST AG [DE]
• [A] DE 3032220 C1 19820408 - RUETGERSWERKE AG
• [A] US 3551168 A 19701229 - ATHERTON JAMES G, et al
• [A] US 3658718 A 19720425 - CLUMPNER JON MICHAEL
• [A] DATABASE WPI Section Ch Week 8942, Derwent World Patents Index; Class A82, AN 89-305020, XP002006759

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