

Title (en)
DETERGENTS FOR WINDOWS, MIRRORS AND REFLECTING SURFACES

Publication
EP 0009194 B1 19820707 (DE)

Application
EP 79103372 A 19790910

Priority
DE 2840464 A 19780916

Abstract (en)
[origin: US4343725A] Aqueous-based cleansers for windows, mirrors and reflecting surfaces, free of builder salts and organic solvents consisting essentially of: from 0.1% to 0.5% by weight of a water-soluble, nonionic polyoxyethylene glycol polymer having a molecular weight of between 300,000 and 4,000,000, from 0.1% to 5% by weight of at least one water-soluble, synthetic surface-active compound selected from the group consisting of synthetic anionic surface-active compounds, nonionic surface-active compounds, cationic surface-active compounds, and compatible mixtures thereof, from 0% to 5% by weight of water-soluble, alkaline-reacting compounds, from 0% to 1% by weight of customary auxiliary agents selected from the group consisting of odorants, colorants and preservatives, and the remainder to 100% by weight of demineralized water. The aqueous-based cleansers of the invention dry streak free and give an antifogging effect.

IPC 1-7
C11D 3/37

IPC 8 full level
C11D 3/37 (2006.01)

CPC (source: EP US)
C11D 3/3707 (2013.01 - EP US)

Cited by
WO2007018317A1; EP0017149B1

Designated contracting state (EPC)
AT BE CH FR IT NL

DOCDB simple family (publication)
EP 0009194 A1 19800402; EP 0009194 B1 19820707; AT E1319 T1 19820715; DE 2840464 A1 19800403; DE 2840464 B2 19800724; DE 2840464 C3 19810409; US 4343725 A 19820810

DOCDB simple family (application)
EP 79103372 A 19790910; AT 79103372 T 19790910; DE 2840464 A 19780916; US 7112079 A 19790830