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(54) Title: ACIDIC CLEANING COMPOSITIONS

(57) Abstract: A composition comprising a mixing product of: (i) a first acid having a pKa of less than 3, in an amount by weight of 1 - 10%, (ii) a second acid having a pKa of greater than 3, in an amount by weight of 1-10%, (iii) a nonionic surfactant in an amount by weight of 1-7%; and (vi) water; wherein the composition has a pH of less than 2.5. The composition can be used for the removal of grease, lime scale, soap scum, and rust on hard surfaces.



WO 2007/097809 A3

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. C11D3/02 C11D3/20 C11D1/66 C11D11/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
Minimum documentation searched (classification system followed by classification symbols)
C11D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99/23194 A (PROCTER & GAMBLE [US]) 14 May 1999 (1999-05-14) page 4, last paragraph page 5, paragraph 2 page 6, lines 2-5 page 7, last paragraph - page 8, line 4 page 17, lines 1-9 page 22, last paragraph - page 23, paragraph 2 page 27, last paragraph - page 28, line 13 claims; example X ----- -/--	1-20

Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance	*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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O document referring to an oral disclosure, use, exhibition or other means	* & * document member of the same patent family
P document published prior to the international filing date but later than the priority date claimed	

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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Péntek, Eric
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98/49260 A (PROCTER & GAMBLE [US]) 5 November 1998 (1998-11-05) page 1, paragraph 1 page 5, line 10 - page 6, line 17 page 9, last paragraph page 14, line 11 - page 15, line 25 page 19, line 17 - page 20, line 2 example X	1-20
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