

Title (en)
ACID CLEANING FORMULATION

Title (de)
SAURE REINIGUNGSFORMULIERUNG

Title (fr)
FORMULATION DE NETTOYAGE À L'ACIDE

Publication
EP 3974509 A1 20220330 (EN)

Application
EP 21190826 A 20210811

Priority
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Abstract (en)
The present invention relates to an acid cleaning formulation characterised in that it comprises by weight with respect to the total weight of the formulation: 0.75 % - 4 % of at least one surfactant, ≤ 3 % of at least one solvent, < 5 % of citric acid, 0.1 % - 0.3 % of 99 % triethanolamine, 0.1 % - 0.3 % of at least one perfume, 0.0005 % to 0.001 % by weight of at least one colourant, and a sufficient quantity of osmotic water, wherein the sum of the quantity of all the components is less than or equal to 100 %, and wherein the formulation has a pH comprised between 2.5 and 6.5. The formulation of the invention is hypoallergenic, dermatologically safe, and biodegradable, therefore, it does not present a risk to the health of users or to the environment.

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Citation (applicant)
• CN 103608445 A 20140226 - PROCTER & GAMBLE
• US 2014352722 A1 20141204 - GONZALES DENIS ALFRED [BE], et al
• WO 2010147485 A1 20101223 - DONAGHYS IND LTD [NZ], et al

Citation (search report)
• [IA] US 6495506 B1 20021217 - MASSAUX JEAN [BE], et al
• [I] US 2014017184 A1 20140116 - FUMAGALLI CHIARA [IT], et al
• [A] US 9592185 B2 20170314 - KLUG PETER [DE], et al

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