

Title (en)

Process for product for decontaminating surfaces soiled by radioactive and/or toxic chemical substances

Title (de)

Verfahren und Produkt zur Dekontamination radioaktiv und/oder giftig verunreinigter Oberflächen

Title (fr)

Procédé et produit pour la décontamination des surfaces souillées par des substances radioactives et/ou des toxiques chimiques

Publication

EP 0696807 A1 19960214 (FR)

Application

EP 95401830 A 19950804

Priority

FR 9409805 A 19940808

Abstract (en)

A prod. for the decontamination of surfaces, materials, the skin, mucous membranes and wounds contaminated by radioactive and/or toxic chemicals, comprises a liq. soap based on oil with a high index of saponification very precisely saponified with an alkali. Pref. the oil is a vegetable oil, esp. pref. coco oil or palm oil, and the alkali is KOH, triethanolamine or NaOH. The compsn. may contain up to 20 wt.% of complexant salts, esp. less than 20% (less than 1%) of salts of EDTA or DTPQ, partic. Na or K salts, with pH the same at the pH of the soap. The compsn. may be a liq. detergent contg. up to 20 wt.% of complexing salts. Decontamination of materials, surfaces, the skin, the mucous membranes or wounds by application of the soap or the compsn. is claimed.

Abstract (fr)

Produit pour la décontamination des surfaces, des matériels, de la peau, des muqueuses et des plaies souillés par des substances radioactives et/ou toxiques chimiques, ledit produit comporte un détergent, en particulier un savon liquide à base d'huile à haut indice de saponification très exactement saponifiée par un alcali. Pour augmenter l'effet décontaminant, le produit peut en outre contenir des sels complexants, tels que des sels d'EDTA et/ou des sels de DTPA.

IPC 1-7

G21F 9/00; C11D 3/14

IPC 8 full level

C11D 9/02 (2006.01); **C11D 9/30** (2006.01); **C11D 17/08** (2006.01); **G21F 9/00** (2006.01)

CPC (source: EP)

C11D 9/02 (2013.01); **C11D 9/30** (2013.01); **C11D 17/08** (2013.01); **G21F 9/001** (2013.01)

Citation (applicant)

- JP S62165199 A 19870721 - TOKYO ELECTRIC POWER CO, et al
- JP S6473300 A 19890317 - NIBEX CO LTD

Citation (search report)

- [Y] GB 776148 A 19570605 - NAT RES DEV
- [Y] DATABASE WPI Section Ch Week 3487, Derwent World Patents Index; Class E15, AN 87-240311
- [Y] PATENT ABSTRACTS OF JAPAN vol. 013, no. 291 (P - 893) 6 July 1989 (1989-07-06)

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US5767055A; EA023242B1; WO2010003819A1

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