

Title (en)

Process for cleaning vehicles and composition therefor.

Title (de)

Verfahren zum Reinigen von Fahrzeugen und Zusammensetzung zur Durchführung des Verfahrens.

Title (fr)

Procédé de nettoyage de véhicules et composition mise en oeuvre.

Publication

**EP 0027083 A1 19810415 (FR)**

Application

**EP 80401401 A 19801003**

Priority

FR 7924774 A 19791004

Abstract (en)

1. Process for cleaning vehicles, by putting into operation, in an acid medium, notably at a pH less than 3, in the presence of at least one surface-active agent, preferably non-ionic or anionic, notably at ordinary temperature, an effective quantity of a mono- or dialkylphosphoric ester the alkyl group or groups of which each contain from one to three carbon atoms, characterized by the fact that simultaneously an effective quantity of at least one compound chosen from the alkanephosphonic acids and their esters with the formula : see diagramm : EP0027083,P5,F3 in which R1 is an alkyl radical containing from one to eight carbon atoms, possibly substituted by at least one of the substituents of the group containing the halogens, the hydroxyl radical, other phosphonic groups and amino groups with the formula : see diagramm : EP0027083,P6,F1 in which each of R2 and R3 , which can be identical or different from one another, represents a hydrogen atom or the significances of R1 , and each of R4 and R5 , which are identical or different from one another, represents a lower alkyl radical containing from one to four carbon atoms, or a hydrogen atom, is put into operation.

Abstract (fr)

Pour nettoyer des véhicules tels que wagons de chemin de fer, on met en oeuvre, en milieu acide, une quantité efficace d'ester mono- ou dialcoyl-phosphorique en C1 à C3 et une quantité efficace d'au moins un acide alcanephosphonique de formule: <IMAGE> ou un ester correspondant (R1 étant un alcoyle en C1-C8 ou un aryle éventuellement substitués par des halogènes, OH, d'autres groupements phosphoniques et/ou des groupements amino), le milieu acide, véhicule de ces principes actifs, renfermant également au moins un agent tensio-actif.

IPC 1-7

**C11D 3/36**; **C11D 1/34**; **C23G 1/06**

IPC 8 full level

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CPC (source: EP)

**C11D 1/342** (2013.01); **C11D 3/36** (2013.01); **C23G 1/066** (2013.01)

Citation (search report)

- FR 2014864 A1 19700424 - HENKEL & CIE GMBH
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