

Title (en)  
CLEANER FOR HOT BEVERAGES MACHINES

Title (de)  
REINIGER FÜR HEISSGETRÄNKEMASCHINEN

Title (fr)  
PRODUIT DE NETTOYAGE POUR MACHINES DE BOISSONS CHAUDES

Publication  
**EP 3293249 B1 20190306 (DE)**

Application  
**EP 16187752 A 20160908**

Priority  
EP 16187752 A 20160908

Abstract (en)  
[origin: EA034069B1] The invention relates to a cleaning agent in the form of solid substance for hot beverages making machines. According to the invention, it contains: a) at least one chelating agent for Ca and/or Mg ions, b) at least one complexing agent chosen from a group consisting of gluconic acids, immidium disuccinate, ATMP (aminotrimethylene-phosphonic acids), DET (diethylenetriaminepentamethylene-phosphonic acids), HEDP (1-hydroxyethane-1,1-diphosphonic acids), HDT (hexamethylenediamine tetramethylene-phosphonic acids), PBT (phosphonobutane-1,2,4-tricarboxylic acids), phosphonic acids and salts of those acids, c) at least one polymeric acid chosen from group consisting of polymeric acrylic acids, metacrylic acids, maleic acids, sulfinated polystyrenes, copolymers of same acids, where the cleaner is free from SAS, silicates and phosphates, with the cleaner having pH 8-11 in 1 wt.% water solution.

IPC 8 full level  
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Cited by  
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DOCDB simple family (publication)  
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