

Title (en)  
HIGHLY-ACTIVE THREE-PHASE HEAVY-DUTY DETERGENT CLOTH AND METHOD FOR THE PRODUCTION THEREOF

Title (de)  
HOCHAKTIVES DREIPHASEN-VOLLWASCHMITTELTUCH UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)  
LINGETTE HAUTEMENT ACTIVE DE DÉTERGENT UNIVERSEL À TROIS PHASES ET PROCÉDÉ POUR SA FABRICATION

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Application  
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Abstract (en)  
[origin: WO2017072358A1] The present invention describes a three-phase heavy-duty detergent cloth, a system formed by the three-phase heavy-duty detergent cloth and a wetting device used for the production thereof, as well as a method for producing the three-phase heavy-duty detergent cloth, wherein a dispersion (3) is applied to a carrier material (4) which is solid at room temperature, characterized by the following steps: a) providing a liquid detergent lotion (1) with exothermically saponified components and a water content of 10–30 wt.%; b) adding solid additives (2) to the liquid detergent lotion (1) by means of a dispersing agent so that the dispersion (3) is produced with a solid content of 1–10 wt.%; c) applying the dispersion (3) to the carrier material (4) by means of a wetting device (5) so that the carrier material (4) statistically fixes the dispersion (3); wherein the steps (a) - (c) are carried out at room temperature and wherein the ratio of the average particle size of the solid additives (2) to the diameter or to the gap width (6) of the openings of the wetting device (5) is between  $5 \cdot 10^{-4}:1$  and  $15 \cdot 10^{-4}:1$ .

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