

Title (en)

Method for treatment of impregnated clothes and a machine for performing said method.

Title (de)

Verfahren und Vorrichtung zum Behandeln von Geweben.

Title (fr)

Procédé et installation pour le traitement de tissus.

Publication

EP 0548035 A1 19930623 (EN)

Application

EP 92850292 A 19921214

Priority

SE 9103759 A 19911218

Abstract (en)

Method for treatment in an ordinary drum washing machine of impregnated garments having water and oil resistant properties, preferably firemen's clothing. In accordance with the method, in dependence on the degree of soiliness the garments are treated in a prewash cycle with subsequent drainage of wash liquid and in a main wash cycle, or in a main wash cycle only, in a water-based wash bath containing a soapless detergent. The garments are then rinsed in a number of rinsing cycles with intermediate drainage of the rinsing water and eventually a short spin-drying cycle. Then follows a final spin-drying cycle and subsequent heat drying, whereafter the garments are treated in a impregnation bath comprising a water solution of a cationic fluoric carbon resin. Finally, the garments are again dried. A machine for treatment of impregnated garments according to the method comprises a tub (11) contained in a housing (10) , said tub (11) having a drain (17) and a first drainage valve (18), a drum (12) for supporting the garments rotatably disposed in said tub (11) and driven by an electric motor (13), water supply means (15,16), heating means (26) for heating the wash liquid, and a program control device (14) for control of the treatment cycles in the machine, said program control device permitting the common cycles of prewash, main wash, rinse and spin-drying to be performed. Further, the machine has a design so as to permit a reimpregnation cycle to be performed for a predetermined period of time and in the presence of an impregnation liquid of the kind referred to. The machine comprises a tank (22) for the impregnation liquid, a pump (24) for circulating said liquid in a closed loop from the tank (22), via the drum (12) and the drain (17) of the tub (11) and a separate valve (21) back to the tank. <IMAGE>

IPC 1-7

D06F 35/00

IPC 8 full level

D06F 35/00 (2006.01)

CPC (source: EP US)

D06F 35/006 (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0548035 A1 19930623; SE 469598 B 19930802; SE 9103759 D0 19911218; SE 9103759 L 19930619

DOCDB simple family (application)

EP 92850292 A 19921214; SE 9103759 A 19911218