

Title (en)

METHOD AND MACHINE WITH ROTATING DRUM FOR THE DYEING TREATMENT OF TEXTILE ARTICLES

Title (de)

VERFAHREN UND MASCHINE MIT EINER ROTIERENDEN TROMMEL ZUR FÄRBBEHANDLUNG VON TEXTILARTIKELN

Title (fr)

PROCEDE ET MACHINE A TAMBOUR ROTATIF POUR LA TEINTURE D'ARTICLES TEXTILES

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Application

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Abstract (en)

[origin: WO2004055252A1] The present invention relates to a method for the washing or dyeing treatment of textile articles (7) in a machine (1) with rotating drum (6), as well as to a machine suitable for implementing in particular this method. The method is characterized in that said treatment is performed by immersing and extracting said textile articles (7) in/from said bath (B) in accordance with treatment cycles (C1; C2) which envisage rotation of said drum (6) during which said textile articles (7) are kept in contact with the side surface (9) of said drum (6) by the centrifugal force imparted to them by the speed of rotation of said drum (6). The method is also characterized in that the ratio between centrifugal acceleration of said drum (6) and the acceleration of gravity is equal to a compensation value $n=ac/g$ in the range 1.1 to 4. and in that the treatment cycles (C1; C2) are distinguished by a tangential velocity of said drum (6) in the range of between 2.5 and 4.5 m/s. the machine (1) with rotating drum (6), in particular suitable for implementing the method according of through-holes (8) formed in the side surface (9) of is characterized in that said drum is able to rotate with a ratio between the centrifugal acceleration and the acceleration of gravity equal to a compensation value $n=ac/g$ in the range of 1.1 to 4 and in that said tangential velocity of said drum (6) is in the range of 2. 5 to 4.5 m/s.

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