

Title (en)

MACHINE AND METHOD FOR THE DISCONTINUOUS DYEING OF SPOOLS OF YARN

Title (de)

MASCHINE UND VERFAHREN ZUM DISKONTINUIERLICHEN FÄRBen VON GARNSPULEN

Title (fr)

MACHINE ET PROCÉDÉ POUR LA TEINTURE DISCONTINUE DE BOBINES DE FIL

Publication

EP 3987103 A1 20220427 (EN)

Application

EP 20727663 A 20200527

Priority

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- EP 2020064753 W 20200527

Abstract (en)

[origin: WO2020254082A1] A machine and a method for the discontinuous dyeing of spools of yarn, which entails, within a closed tank (1) which contains the spools (2) of yarn to be processed immersed in a treatment bath, changing the quantity of bath held inside the spools of yarn a certain number of times per minute and conveniently mixing the remaining quantity of free bath inside the closed tank (1). A first pump (8) is substantially used to change the bath inside the spools and a second pump (20) is used to mix the free bath in the closed tank (1). Furthermore, an external heat exchanger (22) is installed on the circuit of the second pump (20) and is adapted to heat and/or cool the bath.

IPC 8 full level

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CPC (source: EP)

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