

Title (en)
Machines for dipping fabrics.

Title (de)
Maschinen zum Eintauchen von Geweben.

Title (fr)
Perfectionnements aux machines pour le prétrempage des tissus.

Publication
EP 0022042 A1 19810107 (FR)

Application
EP 80420070 A 19800616

Priority
FR 7916331 A 19790618

Abstract (en)
1. A self-contained machine for the preliminary fullwidth and tensionless dipping of a fabric prior to its introduction into a treatment installation, of the kind comprising, on the one hand, two superposed rows of drums (6, 7) between which the fabric (1) is returned in order to pass between ramps (10) for the spingling of the vertical lengths (1') defined on this fabric by the said rows, and, on the other hand, a series of electric motors (9) for effecting the drive under a constant torque of the drums (6) of one of the rows, characterized in that placed on the feed circuit of the motors (9), of the type having variable speed and constant torque, is an auto-transformer (20) directly controlled by a compensating roller (14) disposed, in the manner known "per se", at the outlet of the drums (6, 7) of the two rows with a view to being subjected to alternating displacements as a function of the difference in the respective working speeds of the machine and of the treatment installation fed by this latter.

Abstract (fr)
L'invention a pour objet une machine autonome destinée à être montée en amont d'une installation de traitement (lavage ou blanchiment) afin d'assurer le prétrempage du tissu. Les tambours supérieurs (6) sont entraînés par des moteurs électriques indépendants (9) à couple constant, dont la vitesse est commandée par les déplacements verticaux d'un rouleau compensateur (14) soumis aux effets de la différence des vitesses de travail de la machine et de l'installation prévue en aval de celle-ci.

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D06B 3/36; **D06B 3/12**

IPC 8 full level
D06B 3/12 (2006.01); **D06B 3/36** (2006.01)

CPC (source: EP)
D06B 3/12 (2013.01); **D06B 3/36** (2013.01)

Citation (search report)
• CH 527953 A 19720915 - BENNINGER AG MASCHF [CH]
• US 3998368 A 19761221 - HACKNEY ROBERT F
• DE 2551084 A1 19770518 - VEPA AG
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EP0307558A3; EP0180755A1; CN105297311A; EP0419825A1; EP0197429A1; WO9207986A1

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