

Title (en)

Up-inclined conveyor-driving fabric dyeing machine

Title (de)

Stofffärbemaschine mit nach oben geneigtem Förderbandantrieb

Title (fr)

Machine de teinture de tissu entraînée par une courroie à inclinaison verticale

Publication

EP 2955261 A1 20151216 (EN)

Application

EP 14172062 A 20140612

Priority

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Abstract (en)

An up-inclined conveyor-driving fabric dyeing machine includes a machine body that is arranged in a front-high-and-rear-low up-inclined configuration. A liquid storage tank is mounted to a bottom of a rear end of the machine body to receive dye liquid falling down from a rear end of a dyeing tube. Thus, the amount of the dye liquid used can be greatly reduced. Further, with such an up-inclined configuration of the dyeing machine, the dyeing tube can be arranged in a horizontal or slightly inclined manner to reduce the heights of a fabric guide roller and the conveyor and thus reduce the distance between the fabric guide roller and the conveyor device, thereby reducing the stretching force and tensile force applied to the fabric during the dyeing process.

IPC 8 full level

D06B 3/24 (2006.01); **D06B 3/28** (2006.01); **D06B 23/14** (2006.01)

CPC (source: EP)

D06B 3/28 (2013.01)

Citation (search report)

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CN107805897A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

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