

Title (en)

A conveyor drive fabric dyeing machine equipped with seam detector

Title (de)

Förderbandbetriebene Stofffärbemaschine mit Nahtdetektor

Title (fr)

Machine de teinture de tissu à entraînement de bande transporteuse avec détecteur de couture

Publication

EP 2952619 B1 20160511 (EN)

Application

EP 14171074 A 20140604

Priority

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Abstract (en)

[origin: EP2952619A1] A conveyor drive dyeing machine includes a fabric seam detection device arranged in the dyeing machine. The detection device functions to detect a fabric leading end and detect, display, record fabric circulation time and the number of cycles of circulation of fabric 3 and outputting signals. When the detection device outputs signals, the following effects can be achieved: (1) automatically searching the fabric leading end and then automatically shutting down the machine to save the time for searching the fabric leading end; (2) monitoring and detecting and recording the time of previous circulation of the fabric 3 and the time of current progress; (3) counting the number of cycles of circulation of the fabric 3; (4) providing synchronization and correction control of the conveyor speed and the fabric circulation speed; and (5) providing synchronization and correction control of the speed of a fabric guide roller 4 and the fabric circulation speed.

IPC 8 full level

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CPC (source: EP)

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