

Title (en)

CONVEYOR DRIVE FABRIC DYEING MACHINE EQUIPPED WITH SEAM DETECTOR

Title (de)

FÖRDERBANDBETRIEBENE STOFFFÄRBEMASCHINE MIT NAHTDETEKTOR

Title (fr)

MACHINE DE TEINTURE DE TISSUS À ENTRAÎNEMENT PAR CONVOYEUR ÉQUIPÉE D'UN DÉTECTEUR DE COUTURE

Publication

EP 3081684 A1 20161019 (EN)

Application

EP 15163624 A 20150415

Priority

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Abstract (en)

Disclosed is a conveyor drive fabric dyeing machine including a seam detector (10) arranged therein to detect, record, display, and output a signal indicating fabric circulation time of the previous cycle of circulation and achieving the following effects: (I) providing control of synchronization and correction of the speeds of a conveyor (2) and the circulation of the fabric (3); (II) providing control of synchronization and correction of the speeds of a fabric roller (4) and the circulation of the fabric (3); and (III) providing control of synchronization and correction of the speeds of the fabric (3) and the conveyor (2) and the fabric roller (4). The conveyor drive fabric dyeing machine uses the functions of the seam detector (10) to achieve monitoring and recording the synchronization between the conveyor (2) and the fabric roller (4) and the circulation speed of the fabric (3) and to conduct control of instantaneous correction in order to maintain smooth operation of the fabric (3).

IPC 8 full level

D06B 3/24 (2006.01); **D06B 3/28** (2006.01); **D06B 3/36** (2006.01); **D06B 23/00** (2006.01)

CPC (source: EP)

D06B 3/28 (2013.01); **D06B 3/36** (2013.01); **D06B 23/00** (2013.01); **D06B 3/24** (2013.01); **D06B 23/04** (2013.01)

Citation (search report)

- [X] DE 202014104073 U1 20140909 - CHANG CHI LUNG [TW]
- [X] DE 202014105582 U1 20141209 - CHANG CHI LUNG [TW]
- [A] GB 2208299 A 19890322 - ARGELICH TERMES & CO [ES]
- [A] US 6085555 A 20000711 - WU JONG-FU [TW], et al
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Cited by

EP3636564A1

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)

BA ME

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