

Title (en)

Procedure for continuously controlling an endless web and a machine for carrying out this procedure

Title (de)

Verfahren zur kontinuierlichen Kontrolle einer endlosen Bahn, sowie Vorrichtung zur Durchführung dieses Verfahrens

Title (fr)

Procédé de contrôle en continu d'une bande sans fin et machine pour la mise en oeuvre de ce procédé

Publication

EP 0500467 B1 19960619 (FR)

Application

EP 92400451 A 19920220

Priority

FR 9102041 A 19910220

Abstract (en)

[origin: EP0500467A1] The subject of the present invention is a procedure and a machine for continuously controlling an endless web. <??>This machine essentially comprises a frame 1 supporting two cylinders 2,3 which are capable of rotationally driving an endless web B to be controlled, and carrying, above the web B, two systems 10,11 for injecting a dye (colouring agent) and two cameras 12,13 connected to a computer O, while an encoder 8 is mechanically connected to the shaft of a motor 7 for rotatably driving one 2 of the two cylinders and is electrically connected to the injection systems 10,11 and to the cameras 12,13. <??>The procedure and the machine of the invention enable the misalignment (frame misregistration) of the coloured patterns on a fabric to be assessed with high accuracy and the mean position of the neutral fibre in an endless web to be measured very accurately. <IMAGE>

IPC 1-7

B65H 26/02; **B65H 26/06**; **D06B 23/04**; **D06B 1/00**; **D06P 7/00**; **G06F 17/00**; **G06F 19/00**; **B41F 15/24**; **B41F 17/00**

IPC 8 full level

B41F 15/24 (2006.01); **B41F 17/00** (2006.01); **B65H 26/02** (2006.01)

CPC (source: EP US)

B41F 15/24 (2013.01 - EP US); **B41F 17/005** (2013.01 - EP US); **B65H 26/02** (2013.01 - EP US)

Cited by

EP0649068A3; US6273313B1; WO2007073784A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL PT SE

DOCDB simple family (publication)

EP 0500467 A1 19920826; **EP 0500467 B1 19960619**; AT E139511 T1 19960715; CA 2061533 A1 19920821; DE 69211576 D1 19960725; DE 69211576 T2 19970206; FR 2672879 A1 19920821; FR 2672879 B1 19941209; MY 108642 A 19961031; US 5295571 A 19940322; ZA 92770 B 19921125

DOCDB simple family (application)

EP 92400451 A 19920220; AT 92400451 T 19920220; CA 2061533 A 19920219; DE 69211576 T 19920220; FR 9102041 A 19910220; MY PI19920258 A 19920218; US 82045692 A 19920109; ZA 92770 A 19920203