

Title (en)  
Apparatus and process for controlling or regulating a web property profile

Title (de)  
Vorrichtung und Verfahren zur Steuerung oder Regelung eines Bahneigenschaftsprofils

Title (fr)  
Appareil pour contrôler et régler le profil d'une propriété d'une bande

Publication  
**EP 0898013 B1 20040421 (DE)**

Application  
**EP 98112700 A 19980709**

Priority  
DE 19736048 A 19970820

Abstract (en)  
[origin: EP0898013A2] To control the characteristics of the web being produced, at a papermaking machine or a machine for the prodn. of cardboard, the settings of units (23.1-23.3) which can affect them are registered (30,32). The adjustment units (23.1-23.3) have a sectional influence on at least one web characteristic, or there are adjustment units (20,21) which affect at least one web characteristic across the whole web width. Also claimed is a control operation where the profile is measured of at least one web characteristic, and the measurement signals are processed in a computer for the calculation of the correction required to bring this characteristic into nominal values. The correction value is applied to at least one adjustment unit to alter the web characteristic in a section of the web, and the settings of other adjustment units are monitored which have an influence on this web characteristic in other web sections, and the corrections are computed for the necessary alterations to modify their actions on other web sections across the web width, for this web characteristic, and their settings are changed accordingly.

IPC 1-7  
**D21G 9/00**

IPC 8 full level  
**D21G 9/00** (2006.01)

CPC (source: EP US)  
**D21G 9/0027** (2013.01 - EP US)

Cited by  
DE102009047041A1

Designated contracting state (EPC)  
DE FI SE

DOCDB simple family (publication)  
**EP 0898013 A2 19990224; EP 0898013 A3 19990630; EP 0898013 B1 20040421**; DE 19736048 A1 19990225; DE 59811222 D1 20040527; US 6162331 A 20001219

DOCDB simple family (application)  
**EP 98112700 A 19980709**; DE 19736048 A 19970820; DE 59811222 T 19980709; US 13639998 A 19980819