

Title (en)

Method and apparatus for washing moving sheet-like materials

Title (de)

Verfahren und Vorrichtung zum wassersparenden Waschen von laufenden Warenbahnen

Title (fr)

Procédé et installation pour le lavage de bandes en déplacement

Publication

EP 0316859 B2 19960410 (DE)

Application

EP 88119007 A 19881115

Priority

DE 3739346 A 19871120

Abstract (en)

[origin: EP0316859A2] The invention relates to a method for water-saving washing of moving sheet-like materials, especially in washing processes for solvent washing or the like, in which, during the washing treatment, the sheet-like materials guided through the treatment apparatus in essentially vertical loops pass through treatment portions successively differing from one another from entry into the treatment apparatus up to the end of treatment, with a separate feed of washing liquor, and to a device for carrying out this method and is intended, by a better utilisation of the washing water, to achieve a considerable saving of fresh washing water and thereby to obtain a considerable saving in terms of operating costs during the washing of moving sheet-like materials. According to the invention, to achieve this, the treatment liquor running off from the sheet-like material in each treatment portion is collected, recycled into the same treatment portion by circulation and applied to the sheet-like material again. <IMAGE>

IPC 1-7

D06B 3/20

IPC 8 full level

D06B 3/20 (2006.01)

CPC (source: EP)

D06B 3/20 (2013.01)

Cited by

IT202000017230A1; CN113529320A; EP2135986A1; EP0358969A1; EP0877113A3; EP0467092A1; US5321864A; WO9113199A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0316859 A2 19890524; EP 0316859 A3 19890830; EP 0316859 B1 19930407; EP 0316859 B2 19960410; AT E87985 T1 19930415; DE 3739346 A1 19890601; DE 3880091 D1 19930513; ES 2040819 T3 19931101

DOCDB simple family (application)

EP 88119007 A 19881115; AT 88119007 T 19881115; DE 3739346 A 19871120; DE 3880091 T 19881115; ES 88119007 T 19881115