

Title (en)

Roll winder drum and method for it's manufacturing

Title (de)

Rollenwicklerwalze und Verfahren zu ihrer Herstellung

Title (fr)

Tambour d' une enrouleuse à rouleaux et méthode pour sa production

Publication

EP 1122199 B1 20031217 (DE)

Application

EP 00118702 A 20000830

Priority

DE 19944959 A 19990920

Abstract (en)

[origin: DE19944959A1] The paper winding roller has a surface layer (11) with orifices (15) which communicate with channels (16) in an intermediate layer (17). These lead to air take-up chambers (19) in a porous layer (12'). An final layer (18) which is impermeable to air is fitted inside the porous layer. An Independent claim is included for a method of making the roller.

IPC 1-7

B65H 27/00

IPC 8 full level

B65H 18/16 (2006.01); **B65H 23/025** (2006.01); **B65H 27/00** (2006.01)

CPC (source: EP)

B65H 18/16 (2013.01); **B65H 23/0251** (2013.01); **B65H 27/00** (2013.01); **B65H 2404/1152** (2013.01); **B65H 2404/136** (2013.01)

Designated contracting state (EPC)

DE FI

DOCDB simple family (publication)

DE 19944959 A1 20010405; DE 50004786 D1 20040129; EP 1122199 A2 20010808; EP 1122199 A3 20020417; EP 1122199 B1 20031217

DOCDB simple family (application)

DE 19944959 A 19990920; DE 50004786 T 20000830; EP 00118702 A 20000830