

Title (en)

Manufacture of coloured egg packages.

Title (de)

Herstellung von farbigen Eierverpackungen.

Title (fr)

Fabrication d'emballage colorés pour oeufs.

Publication

EP 0303790 A1 19890222 (DE)

Application

EP 88109576 A 19880615

Priority

DE 3720265 A 19870619

Abstract (en)

[origin: WO8810337A1] Method for the manufacture of coloured egg packages, apparatus for carrying such a method into effect and egg packages manufactured by this method. The invention concerns a method for the manufacture of coloured egg packages (6), made from wood pulp and/or waste paper (paper pulp), in which the egg package receives its final outside colour only after the moulding phase by means of subsequent spraying-on (3) a dye, an apparatus for the carrying such a method into effect, and egg packages, manufactured by means of this method.

Abstract (de)

Verfahren und Vorrichtung zur Herstellung von farbigen Eierverpackungen (6) auf Holzschliff und/oder Altpapier (Papierpulpe), wobei die Eierverpackung (6) ihre endgültige äußere Farbe erst nach der Gießphase durch anschließendes Aufsprühen (3) einer Farbe erhält. Nach der Sprühbehandlung (3) werden die gefärbten Eierverpackungen (6) getrocknet (4), z.B. mittels Infrarotstrahlung oder Heissluft, und danach bedruckt (8).

IPC 1-7

D21H 5/00; D21H 1/46; B65D 85/32; B05D 1/02; B41M 1/40

IPC 8 full level

B05D 1/02 (2006.01); **B05D 7/22** (2006.01); **B41M 1/40** (2006.01); **B65D 85/32** (2006.01); **D21H 11/14** (2006.01); **D21H 19/10** (2006.01); **D21H 23/50** (2006.01); **D21H 23/68** (2006.01); **D21H 25/06** (2006.01); **D21H 27/00** (2006.01); **D21H 27/10** (2006.01); **D21H 11/08** (2006.01); **D21H 21/28** (2006.01); **D21H 23/66** (2006.01)

CPC (source: EP US)

B41M 1/40 (2013.01 - EP US); **B65D 85/32** (2013.01 - EP US); **D21H 23/50** (2013.01 - EP US); **D21H 11/08** (2013.01 - EP US); **D21H 11/14** (2013.01 - EP US); **D21H 21/28** (2013.01 - EP US); **D21H 23/66** (2013.01 - EP US); **Y10S 8/919** (2013.01 - US); **Y10S 493/913** (2013.01 - EP US)

Citation (search report)

- [A] DE 2458443 A1 19750717 - ICI LTD
- [A] FR 801557 A 19360807 - ICI LTD
- [A] GB 1317881 A 19730523 - ICI LTD
- [A] US 2317436 A 19430427 - BOLLER ERNEST R, et al
- [A] DE 193297 C
- [A] DE 93439 C
- [A] DE 1923846 A1 19691211 - GEIGY AG J R
- [A] CHEMICAL ABSTRACTS, Band 96, Nr. 18, 3. Mai 1982, Seite 114, Zusammenfassung Nr. 144781k, Columbus, Ohio, US; K. KANEKO et al.: "Dyeing of paper. Spray dyeing", & SAITAMA-KEN SEISHI KOGYO SHIKENJO GYOMU JISSEKI GAIYO 1980, 34-7
- [A] ABSTRACT BULLETIN OF THE INSTITUTE OF PAPER CHEMISTRY, Band 53, Nr. 10, April 1983, Seite 1139, Zusammenfassung Nr. 10544; D.M. CANFIELD: "Advantages of electric infrared as a drying supplement for water-borne coatings", & TAPPI PAPER SYNTHETICS CONF. (ATLANTA) PROC.: 57-64 (Sept. 13-15, 1982)

Cited by

US5840416A; WO9313264A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 8810337 A1 19881229; AT E85993 T1 19930315; AU 1963988 A 19890119; AU 615204 B2 19910926; CA 1289399 C 19910924; DE 3720265 A1 19881229; DE 3720265 C2 19890914; EP 0303790 A1 19890222; EP 0303790 B1 19930224; ES 2040291 T3 19931016; FI 88187 B 19921231; FI 88187 C 19930413; FI 890743 A0 19890216; FI 890743 A 19890216; JP H02500606 A 19900301; NZ 225060 A 19910827; PT 87768 A 19890531; PT 87768 B 19930930; US 4938412 A 19900703

DOCDB simple family (application)

DK 8800090 W 19880610; AT 88109576 T 19880615; AU 1963988 A 19880610; CA 569453 A 19880614; DE 3720265 A 19870619; EP 88109576 A 19880615; ES 88109576 T 19880615; FI 890743 A 19890216; JP 50542188 A 19880610; NZ 22506088 A 19880617; PT 8776888 A 19880617; US 31453489 A 19890221