

Title (en)

Method and apparatus for applying a coating such as paint or varnish

Title (de)

Verfahren und Vorrichtung zum Beschichten mit beispielsweise Farbe oder Lack

Title (fr)

Procédé et dispositif pour appliquer un revêtement tel qu'une peinture ou un vernis

Publication

EP 0968770 A1 20000105 (FR)

Application

EP 99401384 A 19990609

Priority

FR 9808544 A 19980703

Abstract (en)

The procedure involves placing the article to be painted on a turntable rotated by a shaft (7). Two nozzles (5,6) apply paint to the edges and surfaces of the article. Paint or varnish is applied to the center of the article which is then rotated. Centrifugal force spreads the paint from the center application point towards the edges. An Independent claim is included for apparatus to carry out the procedure.

Abstract (fr)

Procédé pour appliquer un revêtement tel qu'un vernis ou une peinture sur un article creux (2). Il comporte l'opération consistant à déposer une quantité prédéterminée de revêtement à l'état fluide au centre d'une surface (3) de l'article et à l'étaler en faisant tourner l'article (2) sur lui-même. <IMAGE>

IPC 1-7

B05D 1/02; **B05D 1/00**

IPC 8 full level

B05C 11/08 (2006.01); **B05D 1/00** (2006.01); **B05D 1/02** (2006.01)

CPC (source: EP US)

B05C 11/08 (2013.01 - EP US); **B05D 1/005** (2013.01 - EP US); **B05D 1/02** (2013.01 - EP US)

Citation (search report)

- [XA] US 5762708 A 19980609 - MOTODA KIMIO [JP], et al
- [XA] US 5711809 A 19980127 - KIMURA YOSHIO [JP], et al
- [XA] EP 0556784 A1 19930825 - NEC CORP [JP]
- [A] WO 9811998 A1 19980326 - 2C OPTICS INC [US]
- [A] EP 0139478 A1 19850502 - BURROUGHS CORP [US]
- [A] US 3804663 A 19740416 - CLARK D
- [XA] US 5725903 A 19980310 - ROSTOKER MICHAEL D [US]
- [XA] PATENT ABSTRACTS OF JAPAN vol. 012, no. 387 (C - 536) 14 October 1988 (1988-10-14)
- [XA] PATENT ABSTRACTS OF JAPAN vol. 011, no. 394 (C - 465) 23 December 1987 (1987-12-23)
- [XA] PATENT ABSTRACTS OF JAPAN vol. 096, no. 010 31 October 1996 (1996-10-31)
- [XA] PATENT ABSTRACTS OF JAPAN vol. 097, no. 003 31 March 1997 (1997-03-31)
- [XA] PATENT ABSTRACTS OF JAPAN vol. 096, no. 001 31 January 1996 (1996-01-31)
- [A] PATENT ABSTRACTS OF JAPAN vol. 095, no. 010 30 November 1995 (1995-11-30)
- [XA] PATENT ABSTRACTS OF JAPAN vol. 018, no. 345 (E - 1571) 29 June 1994 (1994-06-29)
- [XA] PATENT ABSTRACTS OF JAPAN vol. 018, no. 020 (E - 1489) 13 January 1994 (1994-01-13)

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 0968770 A1 20000105; **EP 0968770 B1 20031210**; DE 69913438 D1 20040122; DE 69913438 T2 20041007; ES 2212491 T3 20040716; FR 2780665 A1 20000107; FR 2780665 B1 20000915; US 6709698 B1 20040323

DOCDB simple family (application)

EP 99401384 A 19990609; DE 69913438 T 19990609; ES 99401384 T 19990609; FR 9808544 A 19980703; US 33013499 A 19990611