

Title (en)

Ultraviolet light irradiation device in painting plants using photopolymerizable paints.

Title (de)

U.V.-Lichtstrahlungsvorrichtung in Lackieranlagen unter Verwendung von photopolymerisierbaren Farben.

Title (fr)

Dispositif d'irradiation de lumière ultraviolette dans les installations de peinture utilisant des peintures photopolymérisables.

Publication

**EP 0493691 A1 19920708 (EN)**

Application

**EP 91120664 A 19911202**

Priority

IT 2222990 U 19901204

Abstract (en)

Painted objects (15) are moved forward on conveying means (1) across an irradiation zone. The device comprises at least one light source (L), apt to send a beam of uvio rays (11) in a direction substantially parallel to the conveying means (1), and a plurality of convex mirrors (5), positioned transversally above said means along a plane which is inclined in respect thereof, apt to fully intercept said beam of uvio rays and reflect it onto the painted objects. <IMAGE>

IPC 1-7

**F26B 3/28**

IPC 8 full level

**F26B 3/28** (2006.01)

CPC (source: EP)

**F26B 3/28** (2013.01)

Citation (search report)

- [A] DE 2639728 A1 19770317 - RONGREN ERIC HJALMAR
- [A] DD 8211 A3 19540906
- [A] DE 2046066 A1 19710325
- [A] GB 1209335 A 19701021 - TOOLS LTD NV

Cited by

EP1593919A3; EP3220717A1; US10012825B2; WO2011054578A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 0493691 A1 19920708; EP 0493691 B1 19950308**; AT E119660 T1 19950315; DE 69107993 D1 19950413; DE 69107993 T2 19950928; ES 2070402 T3 19950601; IT 220322 Z2 19930916; IT 9022229 U1 19920605; IT 9022229 V0 19901204

DOCDB simple family (application)

**EP 91120664 A 19911202**; AT 91120664 T 19911202; DE 69107993 T 19911202; ES 91120664 T 19911202; IT 2222990 U 19901204