

Title (en)

METHOD AND APPARATUS FOR APPLYING A COATING

Title (de)

VERFAHREN UND VORRICHTUNG ZUM AUFTRAGEN EINER BESCHICHTUNG

Title (fr)

PROCEDE ET SYSTEME POUR APPLIQUER UN REVETEMENT

Publication

EP 0968511 A1 20000105 (EN)

Application

EP 98937697 A 19980819

Priority

- EP 98937697 A 19980819
- EP 97202976 A 19970929
- IB 9801273 W 19980819

Abstract (en)

[origin: WO9917328A1] The invention relates to a method of applying a coating to a display window (38) of a color display device, said display window (38) being rotated about a rotary shaft (32) during said coating process. The method is characterized in that, during the application of the coating, the display window (38) is moved in a plane transverse to the rotary shaft (32). Preferably, the coating comprises a phosphor layer and/or a color filter layer. Preferably, three phosphor layers are provided and the display window is moved in a plane transverse to the rotary shaft (32) during the provision of the second and, in particular, the third phosphor layer. Preferably, the display window (38) is moved, during the provision of the coating, in such a manner that, during the rotation, the axis of symmetry of the display window (38) performs a translatory movement (40) or an eccentric movement about a further rotary shaft in a plane transverse to the rotary shaft (32). The rotational speed of the further rotary shaft preferably ranges between 1 and 5 rpm. An apparatus for applying the phosphor pattern is described.

IPC 1-7

H01J 9/227; H01J 9/22

IPC 8 full level

H01J 9/22 (2006.01); **H01J 9/227** (2006.01)

CPC (source: EP)

H01J 9/227 (2013.01)

Citation (search report)

See references of WO 9917328A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 9917328 A1 19990408; EP 0968511 A1 20000105; JP 2001508929 A 20010703

DOCDB simple family (application)

IB 9801273 W 19980819; EP 98937697 A 19980819; JP 51988099 A 19980819