

Title (en)

METHOD FOR THE MANUFACTURE OF A PLANAR OR UNIDIRECTIONALLY CURVED LUMINESCENT SCREEN FOR FLAT COLOUR PICTURE SCREENS AND PICTURE DISPLAY APPARATUSES, AND LUMINESCENT SCREEN MANUFACTURED BY THIS METHOD

Publication

EP 0003365 A3 19790822

Application

EP 79100269 A 19790130

Priority

DE 2804127 A 19780131

Abstract (en)

[origin: US4243695A] A double mask raster method for application of a number of different slurries in a discrete pattern, to produce a raster such as can be used in color television picture tubes, has a first mask having a plurality of apertures therein which remains immovably on the substrate throughout the application of all slurries. A separate second mask having a smaller number of aligned apertures therein is utilized with each successive application of a different slurry, allowing the slurry to penetrate the two masks to the substrate only where apertures in the two masks are aligned. The method may be used to apply slurries to flat or curved substrates in a vertical or horizontal position adapted for conventional spraying, or by means of electrostatic spraying.

IPC 1-7

H01J 9/227; C09K 11/08; C09K 11/02; H01J 1/62

IPC 8 full level

H01J 9/227 (2006.01)

CPC (source: EP US)

H01J 9/2277 (2013.01 - EP US)

Designated contracting state (EPC)

FR GB IT NL

DOCDB simple family (publication)

EP 0003365 A2 19790808; **EP 0003365 A3 19790822**; **EP 0003365 B1 19810819**; DE 2804127 A1 19790802; DE 2804127 C2 19840308; JP S54122972 A 19790922; US 4243695 A 19810106

DOCDB simple family (application)

EP 79100269 A 19790130; DE 2804127 A 19780131; JP 962079 A 19790129; US 783779 A 19790130