

Title (en)

Screen printing method and device for printing a decorative layer on glass sheets.

Title (de)

Siebdruckverfahren und Vorrichtung zum Drucken einer Dekorschicht an Glasscheiben.

Title (fr)

Procédé de sérigraphie pour imprimer une couche décorative sur des vitrages et dispositifs pour l'exécution du procédé.

Publication

EP 0511883 A1 19921104 (FR)

Application

EP 92400727 A 19920319

Priority

DE 4109707 A 19910323

Abstract (en)

When a decorative layer is being applied to a glass sheet by screen printing, the printing surface of the printing screen (2) used extends beyond the peripheral face (9) of the glass sheet (1). The ink which, during the printing operation, is present in the apertures of the printing screen on the outside of the surface of the glass sheet is sucked up by means of a suction device (23) which is passed over the printing screen (2) behind the doctor (21). <IMAGE>

IPC 1-7

B41F 15/08; **B41M 1/12**; **B41M 1/34**

IPC 8 full level

C03C 17/32 (2006.01); **B41F 15/08** (2006.01); **B41M 1/12** (2006.01); **B41M 1/34** (2006.01)

CPC (source: EP KR US)

B41F 15/0818 (2013.01 - EP US); **B41M 1/12** (2013.01 - EP US); **B41M 1/34** (2013.01 - EP KR US)

Citation (search report)

- [A] DE 4020972 C1 19910606
- [AD] US 4268545 A 19810519 - HODULIK JOSEPH W

Cited by

WO2006070188A1; EP0642923A1; EP0628410A1; EP0901904A1; CN103522825A; CN103395309A; CN104553408A; US6186063B1; FR2871099A1; WO2005123389A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0511883 A1 19921104; **EP 0511883 B1 19950628**; AT E124335 T1 19950715; BR 9200989 A 19921124; CA 2063302 A1 19920924; CA 2063302 C 20020813; DE 4109707 C1 19921022; DE 69203147 D1 19950803; DE 69203147 T2 19960215; DK 0511883 T3 19951009; ES 2076702 T3 19951101; JP 3149981 B2 20010326; JP H0570180 A 19930323; KR 100195777 B1 19990615; KR 920017841 A 19921021; US 5273780 A 19931228

DOCDB simple family (application)

EP 92400727 A 19920319; AT 92400727 T 19920319; BR 9200989 A 19920320; CA 2063302 A 19920318; DE 4109707 A 19910323; DE 69203147 T 19920319; DK 92400727 T 19920319; ES 92400727 T 19920319; JP 6446792 A 19920323; KR 920004595 A 19920320; US 85636892 A 19920323