

Title (en)

Dye receiving sheet for the thermosublimation printing process.

Title (de)

Farbakzeptorelement für das Thermosublimationsdruckverfahren.

Title (fr)

Support récepteur de colorant pour le procédé d'impression par thermosublimation.

Publication

EP 0498245 B1 19940817 (DE)

Application

EP 92101233 A 19920127

Priority

DE 4103680 A 19910207

Abstract (en)

[origin: JPH04319488A] PURPOSE: To incorporate a high color density and a minimum adherence trend by forming of a support and a dye acceptor layer substantially formed of a polycarbonate disposed on the support and incorporating a predetermined structural unit in the polycarbonate.

CONSTITUTION: The dye acceptor element for thermosublimation printing comprises a support and a dye acceptor layer substantially consisting of a polycarbonate arranged on the support in such a manner that the polycarbonate contains 30 to 95 wt.% of an aromatic carbonate structural units corresponding to formula I [-O-diphen-] and 70 to 5 wt.% of a structural unit of an aromatic polycarbonate corresponding to formula II [-O-polyether-X-], wherein the diphen is the residue of a diphenol containing 6 to 30 and preferably 12 to 24 carbon atoms, X is -OCO-, the polyether is the residue of an aliphatic polymer diol having a molecular weight Mn of 600 to 20,000, and X is -O-CO-.

IPC 1-7

B41M 5/00

IPC 8 full level

B41M 5/00 (2006.01); **B41M 5/382** (2006.01); **B41M 5/50** (2006.01); **B41M 5/52** (2006.01)

CPC (source: EP US)

B41M 5/5272 (2013.01 - EP US); **Y10S 428/913** (2013.01 - EP US); **Y10S 428/914** (2013.01 - EP US); **Y10T 428/31507** (2015.04 - EP US)

Cited by

EP0603569A1

Designated contracting state (EPC)

BE DE FR GB

DOCDB simple family (publication)

EP 0498245 A1 19920812; **EP 0498245 B1 19940817**; DE 4103680 A1 19920813; DE 59200376 D1 19940922; JP H04319488 A 19921110; US 5273952 A 19931228

DOCDB simple family (application)

EP 92101233 A 19920127; DE 4103680 A 19910207; DE 59200376 T 19920127; JP 4637692 A 19920203; US 82538592 A 19920124