

Title (en)

Planographic printing plate precursor and stack thereof

Title (de)

Flachdruckplattenvorläufer und Stapel daraus

Title (fr)

Précurseur de plaque d'impression planographique et pile de celui-ci

Publication

EP 1859954 B2 20171108 (EN)

Application

EP 07010492 A 20070525

Priority

JP 2006145831 A 20060525

Abstract (en)

[origin: EP1859954A1] The invention provides a planographic printing plate precursor having at least a photosensitive layer that has sensitivity to laser light and is provided on or above a surface of a support, wherein an average surface roughness (Ra) of a back surface of the support in both of a longitudinal direction and a width direction is 0.15 µm or less. The Ra is preferably from 0.13 µm or less. The support preferably comprises aluminum. A Bekk smoothness of a surface of the planographic printing plate precursor that has sensitivity to laser light is preferably 10,000 seconds or less. The invention further provides a stack having at least a plurality of the planographic printing plate precursors.

IPC 8 full level

B41N 1/08 (2006.01); **B41N 1/20** (2006.01)

CPC (source: EP)

B41N 1/083 (2013.01); **B41N 1/14** (2013.01); **B41N 1/20** (2013.01); **B41N 1/08** (2013.01)

Citation (opposition)

Opponent :

- EP 1767379 A1 20070328 - FUJIFILM CORP [JP]
- EP 1217447 A1 20020626 - AGFA GEVAERT [BE]
- DE 10063591 A1 20020711 - AGFA GEVAERT NV [BE]
- EP 1239328 A2 20020911 - AGFA GEVAERT [BE]
- US 6014930 A 20000118 - BURBERRY MITCHELL S [US], et al
- US 6090524 A 20000718 - DEBOER CHARLES D [US], et al
- US 6110645 A 20000829 - DEBOER CHARLES D [US], et al
- US 5641605 A 19970624 - YOSHIDA AKIO [JP], et al
- US 4072528 A 19780207 - BRATT MARTIN DANIEL
- US 4686083 A 19870811 - TAKIZAWA KAZUSHIGE [JP], et al
- EP 1543899 A2 20050622 - FUJI PHOTO FILM BV [NL]

Cited by

US2011318689A1; EP2105297A1; US8221957B2; EP3437894A4; US10377163B2; US11745531B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1859954 A1 20071128; EP 1859954 B1 20081112; EP 1859954 B2 20171108; AT E413975 T1 20081115; DE 602007000242 D1 20081224

DOCDB simple family (application)

EP 07010492 A 20070525; AT 07010492 T 20070525; DE 602007000242 T 20070525