

Title (en)

Method and apparatus for washing substrate of electrophotographic photoreceptor

Title (de)

Verfahren und Vorrichtung zur Reinigung eines elektrofotografischen Photorezeptor-Substrates

Title (fr)

Appareil et méthode pour le nettoyage de support photorécepteur électrophotographique

Publication

EP 1362646 A1 20031119 (EN)

Application

EP 03010497 A 20030509

Priority

- JP 2002136130 A 20020510
- JP 2002262378 A 20020909
- JP 2003031951 A 20030210

Abstract (en)

A method for washing a substrate including: degreasing the substrate with a washing liquid; then rinsing the substrate with rinsing liquid; and then drying the substrate, wherein the washing liquid is alkaline ionized water having a temperature of from 20 DEG C to 90 DEG C. An apparatus for washing a substrate (4) for an electrophotographic photoreceptor including: a washing container (1) configured to contain alkaline ionized water (9) to wash the substrate (4); a heater (H1) configured to heat the alkaline ionized water (9) to a temperature of from 20 DEG C to 90 DEG C; a rinsing container (2) configured to contain rinsing liquid (12) to rinse the washed substrate (4); a warming container (3) configured to contain pure water (13) to warm the rinsed substrate (4); a holder (14) configured to support the substrate; and a lifter (7) configured to up and down the substrate (4) and oscillate the substrate (4). <IMAGE>

IPC 1-7

B08B 3/08; G03G 5/00; B08B 3/10; B08B 3/04; B08B 3/12

IPC 8 full level

B08B 3/12 (2006.01); **G03G 5/10** (2006.01)

CPC (source: EP)

B08B 3/048 (2013.01); **B08B 3/12** (2013.01); **G03G 5/102** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1362646 A1 20031119; CN 100441323 C 20081210; CN 1456396 A 20031119

DOCDB simple family (application)

EP 03010497 A 20030509; CN 03128697 A 20030506