

Title (en)

Surface treatment method and apparatus for support of lithographic plate and grinding apparatus for graining brush

Title (de)

Verfahren und Vorrichtung zur Oberflächenbehandlung von Flachdruckplattenträger und Schleifmaschine zum Schleifen der Behandlungsbürste

Title (fr)

Procédé et appareil pour le traitement de surfaces pour la fabrication de plaques d'impression, et appareil pour meuler les poils de la brosse utilisée pour ce traitement

Publication

EP 0897811 B1 20011128 (EN)

Application

EP 98115279 A 19980813

Priority

JP 22035697 A 19970815

Abstract (en)

[origin: EP0897811A1] In a surface treatment apparatus for a support (10) of a lithographic plate, a graining brush (18) rubs the surface of the support (10) with abrasive slurry (24) to thereby form grains on the surface of the support (10). Angles (θ) of tips of bristles (18A) in the graining brush (18) greatly influence the quality and depth of the grains. Before a new graining brush (18) is used for the first time, the acute angles (θ) of the tips of the bristles (18A) in the new graining brush (18) are adjusted between about 20 DEG and about 80 DEG . Thereby, it is possible to satisfactorily perform the surface treatment from the first time the new graining brush (18) is used. <IMAGE>

IPC 1-7

B41N 3/04

IPC 8 full level

A46D 1/00 (2006.01); **B24D 13/04** (2006.01); **B24D 13/10** (2006.01); **B41N 3/04** (2006.01); **B41C 1/10** (2006.01)

CPC (source: EP)

A46D 1/00 (2013.01); **A46D 1/0276** (2013.01); **B24B 19/028** (2013.01); **B24B 37/04** (2013.01); **B24D 13/10** (2013.01); **B41N 3/04** (2013.01); **B41C 1/10** (2013.01)

Cited by

WO2017054827A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0897811 A1 19990224; **EP 0897811 B1 20011128**; AT E209574 T1 20011215; DE 69802630 D1 20020110; DE 69802630 T2 20020523; JP H1159008 A 19990302

DOCDB simple family (application)

EP 98115279 A 19980813; AT 98115279 T 19980813; DE 69802630 T 19980813; JP 22035697 A 19970815