

Title (en)  
METHOD FOR MANUFACTURING A BASE MATERIAL FOR AN OFFSET PRINTING PLATE, AND IMPLEMENTATION OF SAID BASE MATERIAL FOR MANUFACTURING AN OFFSET PRINTING PLATE.

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON GRUNDMATERIAL FÜR OFFSETDRUCKPLATTEN, SOWIE VERWENDUNG EINES SOLCHEN GRUNDMATERIAL BEI DER OFFSETDRUCKPLATTENHERSTELLUNG.

Title (fr)  
PROCEDE DE FABRICATION DE MATIERE DE BASE POUR PLAQUE D'IMPRESSION OFFSET, ET APPLICATION DE CETTE MATIERE DE BASE POUR LA FABRICATION DE PLAQUES D'IMPRESSION OFFSET.

Publication  
**EP 0048721 A1 19820407 (DE)**

Application  
**EP 81900668 A 19810311**

Priority  
AT 133280 A 19800311

Abstract (en)  
[origin: WO8102547A1] For the production of a base material intended to the manufacture of an onset printing plate according to the method of diffusion of silver salts, at least one upper surface of an aluminum strip is provided with some rugosity by means of a cylinder having an appropriate surface, thereafter an aluminum oxyde layer is deposited by anodization. The rugosity of the upper surface is preferably obtained by means of a cylinder by lamination of the aluminum strip at its final thickness. The base material thus obtained, of which the aluminum oxyde layer has a weight of 0.2 to 2.0 grammes per square meter, but preferably 1.0 to 1.5 grammes per square meter and of which the surface rugosity exhibits mean values from 0.05 to 1.0 microns and mean depressions from 0.4 to 10 microns, gives, after applying the process for the diffusion of silver salts, onset printing plates which provide for a high printing quality and a long resistance life.

Abstract (fr)  
Pour la fabrication d'une matiere de base destinee a la fabrication d'une plaque d'impression offset selon le procede de diffusion des sels d'argent, on donne a au moins une surface superieure d'une bande d'aluminium, au moyen d'un cylindre muni d'une surface appropriee, une certaine rugosite apres quoi l'on depose une couche d'oxyde d'aluminium par anodisation. On obtient de preference la rugosite de la surface superieure au moyen d'un cylindre par laminage de la bande d'aluminium sur son epaisseur finale. La matiere de base ainsi obtenue, dont la couche d'oxyde d'aluminium a un poids de 0,2 a 2,0 grammes par metre carre mais de preference de 1,0 a 1,5 grammes par metre carre et dont la rugosite de surface presente des valeurs moyennes de 0,05 a 1,0 microns et des depressions moyennes de 0,4 a 10 microns, donne, apres application du procede de diffusion des sels d'argent, des plaques d'impression offset qui garantissent une haute qualite d'impression et une longue duree de resistance.

IPC 1-7  
**B41N 1/08; B41N 3/04; G03F 7/06**

IPC 8 full level  
**B41N 3/00** (2006.01); **B41N 3/03** (2006.01); **B41N 3/04** (2006.01); **G03F 7/07** (2006.01)

CPC (source: EP)  
**B41N 3/034** (2013.01); **B41N 3/04** (2013.01); **G03F 7/07** (2013.01)

Designated contracting state (EPC)  
AT CH DE FR GB LI NL SE

DOCDB simple family (publication)  
**WO 8102547 A1 19810917**; AT 375880 B 19840925; AT A133280 A 19840215; BE 883547 A 19800915; BR 8107432 A 19820105; EP 0048721 A1 19820407; IT 1168081 B 19870520; IT 8120247 A0 19810310; IT 8120247 A1 19820910; JP S57500329 A 19820225; NL 8003326 A 19811001

DOCDB simple family (application)  
**AT 8100004 W 19810311**; AT 133280 A 19800311; BE 6047174 A 19800529; BR 8107432 A 19810311; EP 81900668 A 19810311; IT 2024781 A 19810310; JP 50089181 A 19810311; NL 8003326 A 19800606