

Title (en)  
ROTARY PRESS DOCTOR

Title (de)  
RAKEL FÜR EINE ROTATIONSDRUCKMASCHINE

Title (fr)  
RACLE POUR ROTATIVE

Publication  
**EP 0934164 B1 20001227 (DE)**

Application  
**EP 97945760 A 19971017**

Priority  
• DE 9702395 W 19971017  
• DE 19644370 A 19961025  
• DE 19725061 A 19970613

Abstract (en)  
[origin: WO9818625A1] A rotary press doctor blade (12) in which one or both sides (19,21) are provided with a fully or partially unreleasable coating of a low surface energy substance (46), whose surface energy is between 10 and 60 mN/m. This prevents in particular disruptive ink deposits from forming on one side of the doctor opposite the retaining capacity. Otherwise the ink deposits would reach a doctored surface of the ink gate roll in an uncontrolled or random manner.

IPC 1-7  
**B41F 9/10**

IPC 8 full level  
**B41F 9/10** (2006.01); **B41F 31/02** (2006.01); **B41N 10/00** (2006.01)

CPC (source: EP US)  
**B41F 31/027** (2013.01 - EP US); **Y10T 428/3154** (2015.04 - EP US); **Y10T 428/31544** (2015.04 - EP US)

Cited by  
DE102005061916A1; DE102005019529A1; DE102005029970A1; DE102013011275A1

Designated contracting state (EPC)  
CH DE ES FR GB IT LI SE

DOCDB simple family (publication)  
**DE 29718387 U1 19980122**; BR 9712445 A 19991019; CN 1110413 C 20030604; CN 1234771 A 19991110; EP 0934164 A1 19990811; EP 0934164 B1 20001227; ES 2154058 T3 20010316; JP 2000507523 A 20000620; RU 2193488 C2 20021127; US 6335098 B1 20020101; WO 9818625 A1 19980507

DOCDB simple family (application)  
**DE 29718387 U 19970613**; BR 9712445 A 19971017; CN 97199163 A 19971017; DE 9702395 W 19971017; EP 97945760 A 19971017; ES 97945760 T 19971017; JP 51987598 A 19971017; RU 99110942 A 19971017; US 28448799 A 19990423