

Title (en)
Printing machine with doctoring device

Title (de)
Druckmaschine mit Rakelvorrichtung

Title (fr)
Machine d'impression avec dispositif de raclage

Publication
EP 1362696 B1 20060920 (DE)

Application
EP 02011106 A 20020518

Priority
EP 02011106 A 20020518

Abstract (en)
[origin: EP1362696A1] An ultrasonic oscillator (38) with an acoustic vibratory transmitter sets a doctor blade (26) oscillating at a frequency of 1 Hertz or more in the direction of the doctor blade's longitudinal axis. The travel of the oscillator is less than 0.2 mm. The doctor blade forms part of a doctor blade chamber. An Independent claim is also included for a roller printing machine.

IPC 8 full level
B41F 9/00 (2006.01); **B41F 9/10** (2006.01); **B41F 31/08** (2006.01)

CPC (source: EP US)
B41F 9/1009 (2013.01 - EP US)

Cited by
DE102010054417A1; CN104589780A; EP1717026A2; WO2017182144A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 1362696 A1 20031119; EP 1362696 B1 20060920; DE 50208200 D1 20061102; ES 2272603 T3 20070501; JP 2003334920 A 20031125; US 2003213386 A1 20031120; US 6752077 B2 20040622

DOCDB simple family (application)
EP 02011106 A 20020518; DE 50208200 T 20020518; ES 02011106 T 20020518; JP 2003136779 A 20030515; US 42710103 A 20030501