

Title (en)  
SHEET OFFSET PRINTING METHOD AND SHEET OFFSET PRINTING PRESS

Title (de)  
BOGENOFFSETDRUCKVERFAHREN UND BOGENOFFSETDRUCKMASCHINE

Title (fr)  
PROCEDE OFFSET A FEUILLES ET PRESSE OFFSET A FEUILLES

Publication  
**EP 1091855 B1 20060125 (DE)**

Application  
**EP 99955959 A 19991108**

Priority  
• DE 19852714 A 19981116  
• EP 9908552 W 19991108

Abstract (en)  
[origin: US2001050012A1] A sheet offset printing method and a sheet offset printing press includes altering flow relationships in an interior of a housing of a sheet delivery of a sheet-fed printing machine to prevent uncontrolled spread of powder in the housing by extracting powder-laden air from the housing and/or feeding air into the housing from outside at a point along a return belt of a sheet conveying device. Air currents are channeled inside the housing by feeding air not laden with powder into the housing and/or leading the air into an air flow path along the return belt downstream of the point with respect to a return belt motion direction to transport the unladen air toward a printing unit by a drag effect of the return belt and/or impeding/blocking a supply of powder-charged air from around a conveyor belt of the sheet-conveyor or a powder-scattering device into a flow path along the return belt.

IPC 8 full level  
**B41F 23/06** (2006.01); **B41F 23/04** (2006.01)

CPC (source: EP US)  
**B41F 23/0443** (2013.01 - EP US); **B41F 23/06** (2013.01 - EP US); **B65H 29/247** (2013.01 - EP US)

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)  
**US 2001050012 A1 20011213**; **US 6606946 B2 20030819**; AT E316467 T1 20060215; DE 59913083 D1 20060413; EP 1091855 A1 20010418; EP 1091855 B1 20060125; WO 0029215 A1 20000525

DOCDB simple family (application)  
**US 86392301 A 20010523**; AT 99955959 T 19991108; DE 59913083 T 19991108; EP 9908552 W 19991108; EP 99955959 A 19991108