

Title (en)  
PUMP INKER UNIT

Title (de)  
PUMPFARBWERK

Title (fr)  
MECANISME D'ENCRAGE PAR POMPAGE

Publication  
**EP 1140503 B1 20020828 (DE)**

Application  
**EP 99964443 A 19991221**

Priority  
• DE 9904047 W 19991221  
• DE 19860625 A 19981229

Abstract (en)  
[origin: DE19860625A1] The aim of the invention is to quickly change colours in a pump inker unit for rotary printing presses. To this end, a displaceable colour supply unit can be arranged at a colour ductor of an inker unit.

IPC 1-7  
**B41F 31/08**

IPC 8 full level  
**B41F 31/08** (2006.01)

CPC (source: EP US)  
**B41F 31/08** (2013.01 - EP US)

Designated contracting state (EPC)  
CH DE FR GB LI

DOCDB simple family (publication)  
**DE 19860625 A1 20000720**; DE 59902497 D1 20021002; EP 1140503 A1 20011010; EP 1140503 B1 20020828; JP 2002533246 A 20021008;  
JP 3445246 B2 20030908; US 6499399 B1 20021231; WO 0038923 A1 20000706

DOCDB simple family (application)  
**DE 19860625 A 19981229**; DE 59902497 T 19991221; DE 9904047 W 19991221; EP 99964443 A 19991221; JP 2000590858 A 19991221;  
US 85614101 A 20010530