

Title (en)  
Device for drying inks on paper

Title (de)  
Einrichtung zum Trocknen von Farben auf Papier

Title (fr)  
Dispositif pour sécher les encres sur papier

Publication  
**EP 0378826 B1 19960410 (DE)**

Application  
**EP 89123367 A 19891218**

Priority  
DE 3901165 A 19890117

Abstract (en)  
[origin: EP0378826A2] The device is proposed for drying inks on paper, especially for drying printed sheets in an offset printing machine. For this purpose, a radiation source is required which produces essentially UV radiation. This radiation source is preferably a UV excimer radiator and is arranged directly on the surface of the paper. The shape of the radiation source is adapted to the course of the transport path of the paper. Additionally, the UV radiation is controlled in dependence on the presence of ink to be dried.

IPC 1-7  
**B41F 23/04**

IPC 8 full level  
**B41F 23/04** (2006.01); **F26B 5/00** (2006.01)

CPC (source: EP)  
**B41F 23/044** (2013.01); **B41F 23/0486** (2013.01)

Cited by  
US5873309A; EP1199165A1; DE29710251U1; US5727472A; DE4342643A1; DE4342643C2; EP0819521A3; EP1428669A3; EP1424197A1; EP1743767A3; CN102632700A; EP1591246A1; CN100462229C; US5832833A; EP2258553A1; US7488065B2; EP1426182A1; US8820236B2; WO9704962A1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 0378826 A2 19900725; EP 0378826 A3 19910417; EP 0378826 B1 19960410**; DE 3901165 A1 19900802; DE 58909650 D1 19960515; JP H02229045 A 19900911; JP H0686119 B2 19941102

DOCDB simple family (application)  
**EP 89123367 A 19891218**; DE 3901165 A 19890117; DE 58909650 T 19891218; JP 650090 A 19900117