

Title (en)

Arrangement for tempering an exposure drum in a printing plate exposure apparatus

Title (de)

Vorrichtung zur Temperierung der Belichtungstrommel in einem Druckplattenbelichter

Title (fr)

Arrangement pour tempérer un tambour d'exposition dans un appareil d'exposition pour plaques d'impression

Publication

**EP 1452311 A3 20080409 (DE)**

Application

**EP 03020830 A 20030913**

Priority

DE 10308436 A 20030227

Abstract (en)

[origin: DE10308436B3] The printing plate exposure device has an exposure drum (1) receiving the printing cylinder (3), provided by a cylinder (20) supported by radial struts (22) from an inner sleeve (21), the interior of the latter supplied with a circulated fluid used for maintaining the drum cylinder and the printing plate at a constant temperature.

IPC 8 full level

**B41C 1/10** (2006.01); **G03F 7/20** (2006.01)

CPC (source: EP US)

**B41C 1/1083** (2013.01 - EP US)

Citation (search report)

- [XYA] DE 10136747 A1 20020314 - HEIDELBERGER DRUCKMASCH AG [DE]
- [YA] EP 0652104 A1 19950510 - ROLAND MAN DRUCKMASCH [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Designated extension state (EPC)

AL LT LV MK

DOCDB simple family (publication)

**DE 10308436 B3 20040527; DE 10308436 C5 20100826;** EP 1452311 A2 20040901; EP 1452311 A3 20080409; JP 2004258665 A 20040916; JP 4109210 B2 20080702; US 2004168602 A1 20040902; US 7343856 B2 20080318

DOCDB simple family (application)

**DE 10308436 A 20030227;** EP 03020830 A 20030913; JP 2004052343 A 20040226; US 69536503 A 20031028