

Title (en)

Sheet handling device with temperature controlled sheet support plate

Title (de)

Bogenhandhabungsvorrichtung mit temperaturgesteuerter Trägerplatte für Bogen

Title (fr)

Dispositif de traitement de feuilles avec une plaque de support à température régulée pour feuilles

Publication

**EP 1645424 A1 20060412 (EN)**

Application

**EP 05108840 A 20050926**

Priority

- EP 04104858 A 20041004
- EP 05108840 A 20050926

Abstract (en)

A sheet handling device comprising a sheet support plate (14) made of a heat conductive material having a first heat capacity, said plate having at least one cavity (34) formed between a top wall (36) defining a top surface (42) of the plate (14) and a bottom wall (38) defining a bottom surface of the plate; and a temperature control system including a circulating system for circulating a temperature control fluid through said cavity (34), wherein in the cavity (34) contains a displacement body (46) which is spaced apart from said top and bottom walls (36, 38) and is made of a material having a second heat capacity which is smaller than said first heat capacity.

IPC 8 full level

**B41J 11/00** (2006.01); **B41J 11/06** (2006.01)

CPC (source: EP US)

**B41J 11/0085** (2013.01 - EP US); **B41J 11/06** (2013.01 - EP)

Citation (search report)

- [A] US 2002071016 A1 20020613 - WOTTON GEOFF [US], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12 5 December 2003 (2003-12-05)

Cited by

CN112477432A

Designated contracting state (EPC)

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