

Title (en)  
Method and device for hot foil printing

Title (de)  
Heissprägeverfahren und Heissprägevorrichtung

Title (fr)  
Procédé et dispositif d'estampage à chaud.

Publication  
**EP 1155831 B1 20040121 (DE)**

Application  
**EP 01112105 A 20010517**

Priority  
DE 10023888 A 20000517

Abstract (en)  
[origin: EP1155831A2] The process involves printing off a first area of the printing foil web during a first imprinting interval at a first imprinting station and then printing off a second area following on from the first at a second imprinting station. The foil web is accelerated between the first and second imprinting intervals so that an interspace (18, 19) between successive areas (10, 11, 12) of the web is greater than a non-imprinted area between associated successive imprinting stations of the material layer. Independent claim describes device which has a computer unit to control the foil acceleration device

IPC 1-7  
**B41F 19/06**

IPC 8 full level  
**B41K 3/00** (2006.01); **B29C 59/04** (2006.01); **B41F 19/06** (2006.01); **B41K 3/04** (2006.01); **B41K 3/50** (2006.01); **B41K 3/64** (2006.01); **B41M 5/00** (2006.01); **B29K 101/12** (2006.01); **B29L 17/00** (2006.01)

CPC (source: EP US)  
**B41F 19/068** (2013.01 - EP US); **B41P 2219/20** (2013.01 - EP US); **Y10T 29/30** (2015.01 - EP US); **Y10T 29/301** (2015.01 - EP US); **Y10T 29/308** (2015.01 - EP US); **Y10T 29/49812** (2015.01 - EP US)

Cited by  
DE102016209328A1; DE102006033817B4; DE102004026890A1; EP3144146A1; DE102007027493B3; CN111038163A; US9662875B2; US9162438B2; US10144210B2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1155831 A2 20011121**; **EP 1155831 A3 20030226**; **EP 1155831 B1 20040121**; AT E258114 T1 20040215; DE 10023888 A1 20011122; DE 50101345 D1 20040226; DK 1155831 T3 20040419; ES 2214361 T3 20040916; JP 2002079731 A 20020319; JP 4421787 B2 20100224; US 2001052171 A1 20011220; US 6519821 B2 20030218

DOCDB simple family (application)  
**EP 01112105 A 20010517**; AT 01112105 T 20010517; DE 10023888 A 20000517; DE 50101345 T 20010517; DK 01112105 T 20010517; ES 01112105 T 20010517; JP 2001146446 A 20010516; US 85361801 A 20010514