

Title (en)  
Printing postage stamps with embedded information

Title (de)  
Drucken von Postwertzeichen mit eingebetteter Information

Title (fr)  
Impression de timbres contenant une information intégrée

Publication  
**EP 1096429 A2 20010502 (EN)**

Application  
**EP 00203552 A 20001012**

Priority  
US 42625399 A 19991025

Abstract (en)  
A digital printing apparatus is disclosed for printing on a receiver a postal image having invisible embedded information in response to a digital image having a plurality of pixels each having at least one pixel value and input information to be embedded. The digital printing apparatus receives the digital image and the input information. The receiver includes a plurality of perforated peelable portions or a mailing envelope. The apparatus responds to the input information and the digital image for modifying a predetermined number of pixel values of pixels in the digital image with the input information so that the input information is embedded in the digital image and prints a postal stamp image on the receiver in accordance with the modified digital image having the embedded information wherein the embedded information is invisible to unaided human eyes that can subsequently be extracted. <IMAGE>

IPC 1-7  
**G07B 17/00**

IPC 8 full level  
**B41J 29/00** (2006.01); **B41J 21/00** (2006.01); **G06T 1/00** (2006.01); **G07B 17/00** (2006.01); **G09F 3/00** (2006.01); **H04N 1/387** (2006.01)

CPC (source: EP)  
**G07B 17/00508** (2013.01); **G07B 2017/00532** (2013.01); **G07B 2017/00637** (2013.01); **G07B 2017/00645** (2013.01)

Citation (applicant)  
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• US 4835713 A 19890530 - PASTOR JOSE [US]  
• US 5176458 A 19930105 - WIRTH HENRY G [US]  
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Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 1096429 A2 20010502**; **EP 1096429 A3 20010801**; AU 6668600 A 20010426; BR 0005001 A 20010619; CA 2316786 A1 20010425; CN 1295931 A 20010523; ID 27691 A 20010426; JP 2001197295 A 20010719; TW 466457 B 20011201

DOCDB simple family (application)  
**EP 00203552 A 20001012**; AU 6668600 A 20001024; BR 0005001 A 20001024; CA 2316786 A 20000828; CN 00133150 A 20001025; ID 20000912 D 20001024; JP 2000325796 A 20001025; TW 89117767 A 20000831