

Title (en)
Ticket issuing method, ticket issuing system and ticket collating method

Title (de)
Ticketausgabeverfahren und -system und Ticketkollationierverfahren

Title (fr)
Méthode et système d'édition de tickets et méthode de collationnement de tickets

Publication
EP 1014318 B1 20040519 (EN)

Application
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Priority
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Abstract (en)
[origin: EP1014318A2] In a ticket issuing method, security data is first made from ticket issue request data and user identification data sent from user via a communication means and then, ticket image data is made from the ticket issue request data and by embedding the security data in the ticket image data in the invisible state, ticket printing data for printing ticket by user is made. The ticket printing data thus made is sent to user via a communication means. <IMAGE>

IPC 1-7
G07F 17/42; **G07B 1/02**; **G07D 7/12**

IPC 8 full level
B41J 5/30 (2006.01); **G06Q 10/00** (2006.01); **G06Q 10/10** (2012.01); **G07B 1/00** (2006.01); **G07B 1/02** (2006.01); **G07B 15/00** (2006.01); **G09C 5/00** (2006.01); **H04N 1/387** (2006.01)

CPC (source: EP KR)
G07B 1/00 (2013.01 - KR); **G07B 1/02** (2013.01 - EP); **G07B 15/00** (2013.01 - KR)

Citation (examination)
• US 5568550 A 19961022 - UR SHMUEL [IL]
• EP 0921675 A2 19990609 - TOSHIBA KK [JP]
• SZEPANSKI W.: "A signal theoretic method for creating forgery-proof documents for automatic verification", 16 May 1979, IEEE, NEW YORK US

Cited by
CN103839324A; CN102446264A; AU2004273928B2; EP1668455A4; EP1134710A3; CN103839323A; FR2977057A1; CN110515575A; US7113925B2; US8266437B2; DE10115022A1; CN102411797A; EP1071272A3; US6883982B2; US7924471B2; US9646304B2; US6885755B2; US10339294B2; US10275780B1; US10275745B2; US10311412B1; WO0214075A1; WO2012175878A1; WO2004063993A1; US10185936B2; US10726417B1; US9661021B2; US10027707B2; US10380374B2; US11102372B2; US9613480B2; US10497016B1; US11308549B2; US9608826B2; US10762501B2; WO2005029265A2; US7353213B2; US10148726B1; US10686864B2; US7692811B2; US6901862B2; US9679293B1; US9946998B1; US7489800B2

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