

Title (en)  
TAG ISSUANCE APPARATUS

Publication  
**EP 0416507 A3 19920429 (EN)**

Application  
**EP 90116889 A 19900903**

Priority  
JP 23242589 A 19890907

Abstract (en)  
[origin: EP0416507A2] A tag issuance apparatus includes a printing unit (30) having a printing position, a stepping motor (47) for feeding roll paper (36) to the printing unit (30) and feeding the printed roll paper (36) from the printing position to a downstream side, a cutting device (50), arranged in a downstream of the printing position, for cutting the printed and fed roll paper (36) at a cutting position to issue a tag (37), a controller (70) for pulling back the leading end portion of the roll paper (36) at the cutting position from the cutting position to the printing position, and dispensing rollers (61A, 61B) for dispensing the cut tag (37).

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

IPC 8 full level  
**B41J 11/42** (2006.01); **B41J 15/04** (2006.01); **G07B 1/00** (2006.01); **G07B 5/02** (2006.01)

CPC (source: EP)  
**G07B 1/00** (2013.01); **G07B 5/02** (2013.01)

Citation (search report)

- [X] US 4827841 A 19890509 - WHITE SR GORMAN W [US]
- [Y] WO 8905490 A1 19890615 - LOTTERY CONCEPTS INTERNATIONAL [US], et al
- [A] US 4011811 A 19770315 - KODIS ROBERT D
- [A] EP 0298248 A1 19890111 - SMH ALCATEL [FR]
- [A] US 4716799 A 19880105 - HARTMANN DONALD [US]

Cited by  
CN102139577A; EP0669601A3; FR2685798A1; EP1603080A3; EP0519103A1; AU646512B2; EP0662672A3; EP0662671A3; EP0740959A1; FR2733743A1; US5802940A; US8469477B2; US7689461B2; WO2013041858A1; US9437049B2; US9947143B2; US10140778B2; US10559137B2

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