

Title (en)
Optically-guided indicia reader system

Title (de)
Optisch geleitetes Zeichenabtastsystem

Title (fr)
Système de lecture d'un indice guidé optiquement

Publication
EP 1371424 A3 20040428 (EN)

Application
EP 03020263 A 19980123

Priority
• EP 98902706 A 19980123
• US 78797497 A 19970123
• US 78885297 A 19970123

Abstract (en)
[origin: EP1371424A2] An optically-guided indicia reader system includes a conveyor (212) carrying a parcel (214) bearing a destination address. A moving light illumination source (224) defines a spot (230) that moves at the same speed as the conveyor (212) to assist the positioning of the parcel (214). Multi-conveyor systems are disclosed as well as methods of use. <IMAGE> <IMAGE> <IMAGE> <IMAGE> <IMAGE>

IPC 1-7
B07C 3/14

IPC 8 full level
B65G 47/49 (2006.01); **B07C 3/14** (2006.01); **G06K 9/20** (2006.01); **G06T 1/00** (2006.01); **G06T 1/60** (2006.01)

CPC (source: EP)
B07C 3/14 (2013.01)

Citation (search report)
• [A] EP 0647479 A2 19950412 - GALAI LAB LTD [IL], et al
• [A] EP 0440129 A1 19910807 - CGA HBS [FR]
• [A] US 5202557 A 19930413 - ROBERTSON GARY S [US]
• [A] GB 1270801 A 19720419 - EMI LTD
• [XDA] "parcel positioning scanning and sorting system", IBM TECHNICAL DISCLOSURE BULLETIN, vol. 15, no. 4, September 1972 (1972-09-01), US, pages 1170 - 1171, XP002065579

Cited by
EP2384825A1; CN104307758A; CN111301985A; US9186706B2; US9511954B2; US10384234B2

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

DOCDB simple family (publication)
WO 9832545 A1 19980730; AT E267649 T1 20040615; AT E338589 T1 20060915; CA 2271063 A1 19980730; CA 2271063 C 20030520; DE 69824149 D1 20040701; DE 69824149 T2 20041028; DE 69835840 D1 20061019; DE 69835840 T2 20070426; DK 0954387 T3 20040927; EP 0954387 A1 19991110; EP 0954387 B1 20040526; EP 1371424 A2 20031217; EP 1371424 A3 20040428; EP 1371424 B1 20060906; ES 2221148 T3 20041216; ES 2271447 T3 20070416; JP 2000509655 A 20000802; JP 3476836 B2 20031210

DOCDB simple family (application)
US 9801366 W 19980123; AT 03020263 T 19980123; AT 98902706 T 19980123; CA 2271063 A 19980123; DE 69824149 T 19980123; DE 69835840 T 19980123; DK 98902706 T 19980123; EP 03020263 A 19980123; EP 98902706 A 19980123; ES 03020263 T 19980123; ES 98902706 T 19980123; JP 53216498 A 19980123