Title (en)

ROBUST MACHINE-READABLE SYMBOLOGY AND METHOD AND APPARATUS FOR PRINTING AND READING SAME

Title (de)

ROBUSTE MASCHINENLESBARE ZEICHENSCHRIFT UND VERFAHREN UND VORRICHTUNG ZUM DRUCKEN UND LESEN DESSELBIGEN

Title (fr)

ENSEMBLE ROBUSTE DE SYMBOLES EXPLOITABLES PAR ORDINATEUR, ET PROCEDE ET APPAREIL POUR IMPRIMER ET LIRE CES SYMBOLES

Publication

EP 0976100 A2 20000202 (EN)

Application

EP 98918459 A 19980416

Priority

- US 9807905 W 19980416
- US 84264497 A 19970416
- US 91432497 A 19970819
- US 2160898 A 19980210

Abstract (en)

[origin: WO9847101A2] A new bar code symbology in an exemplary embodiment employs three bars (and spaces) within nine modules, similar to Code 93. Fifty-three data characters are defined, including several special mode characters. By employing these special mode characters, together with certain routines, three symbol characters can represent two 8-bit bytes, or one 16-bit word. As a result, the symbology can efficiently encode 8-bit bytes for use in computer processing, or encode 16-bit character sets such as Unicode. Symbology encodes extended channel interpretation (ECI) numbers, provides multiple numeric compression modes, provides a structured append using a single mode character, as well as other features. Additionally, the symbology includes error correction, with a Special Features Flag character indicating use of error correction in a symbol.

IPC 1-7

G06K 19/06

IPC 8 full level

G06K 1/12 (2006.01); **G06K 19/06** (2006.01)

CPC (source: EP KR)

G06K 19/06 (2013.01 - KR); **G06K 19/06028** (2013.01 - EP)

Citation (search report)

See references of WO 9847101A2

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)

WO 9847101 A2 19981022; **WO 9847101 A3 19990225**; **WO 9847101 A9 19990325**; CN 1257596 A 20000621; EP 0976100 A2 20000202; JP 2002514329 A 20020514; KR 20010006507 A 20010126

DOCDB simple family (application)

US 9807905 W 19980416; CN 98805417 A 19980416; EP 98918459 A 19980416; JP 54436498 A 19980416; KR 19997009597 A 19991016