

Title (en)

PRODUCT DISCRIMINATION SYSTEM AND METHOD THEREFOR

Publication

**EP 0346045 A3 19900620 (EN)**

Application

**EP 89305650 A 19890605**

Priority

US 20468588 A 19880609

Abstract (en)

[origin: EP0346045A2] A product discrimination system using a lens assembly for projecting an image of the product unit toward a randomized fiber optic cable. The end of the fiber optic cable is constructed in a rectangular section such that a long thin section of the product unit is viewed at any given time. The cable discharges the light at a lens and filter arrangement such that the emitted light may be divided into portions and filtered for measurement by photodiodes of specific and different wavelengths. Through a comparison of the wavelengths to a standard, attributes of the product unit can be determined.

IPC 1-7

**B07C 5/342**

IPC 8 full level

**B07C 5/342** (2006.01)

CPC (source: EP)

**B07C 5/3425** (2013.01)

Citation (search report)

- [X] US 4454029 A 19840612 - CODDING ELIAS H [US]
- [X] US 4150287 A 19790417 - PERKINS JOSEPH R
- [Y] US 3993899 A 19761123 - CHAPMAN THOMAS HENRY

Cited by

GB2274165A; GB2274165B; GB2244329B; AU660413B2; US5156278A; US5835200A; WO9116617A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 0346045 A2 19891213; EP 0346045 A3 19900620; EP 0346045 B1 19920923;** AU 3582589 A 19891214; AU 614619 B2 19910905; DE 68902952 D1 19921029; DE 68902952 T2 19930204; ES 2013194 A6 19900416; IL 90441 A0 19900118; IL 90441 A 19921115; NZ 229341 A 19910726; ZA 894091 B 19901128

DOCDB simple family (application)

**EP 89305650 A 19890605;** AU 3582589 A 19890530; DE 68902952 T 19890605; ES 8901995 A 19890608; IL 9044189 A 19890529; NZ 22934189 A 19890530; ZA 894091 A 19890530