

Title (en)

DEVICE FOR REDUCING THE DIGITAL IMAGE DATA ARISING ON THE SCANNING OF LOOSE ITEMS ON A CONVEYOR

Title (de)

VORRICHTUNG ZUR REDUKTION DER BEI ABTASTUNG VON STÜCKGÜTERN AUF EINER FÖRDEREINRICHTUNG ANFALLENDEN DIGITALEN BILDDATEN

Title (fr)

DISPOSITIF DE REDUCTION DES DONNEES VIDEO NUMERIQUES OBTENUES LORS DU BALAYAGE D'OBJETS PLACES SUR UN TRANSPORTEUR

Publication

**EP 0850112 B1 20010110 (DE)**

Application

**EP 96937986 A 19960902**

Priority

- DE 9601630 W 19960902
- DE 19532758 A 19950905

Abstract (en)

[origin: WO9709133A1] The device contains a conveyor with at least one conveyor belt (3, 7, 11, 15) for loose items (25), the surface of which has a brightness which is as complementary as possible to that of the surfaces of fixed regions (1, 5, 9, 13, 17) visible near it and an electronic scanning device (ZK, L1, L2) extending approximately transversely (X) to the conveying direction (Y) over the width of the conveyor belt and the visible surfaces of the fixed regions for the linear detection of the brightnesses (I(x,y)). There is also a program-controlled computer (PC) which stores a sequence of the brightnesses (I(x)) occurring over the width (X) of the conveyor belt (3,...) and visible surfaces of the fixed regions (1,...) in the absence of a loose item (25) in a first store (SP1) and places current brightnesses (I(x,y)\*) in a second store (SP2) as long as differences occur on the comparison with the corresponding values or values from the stored sequence (I(x)).

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**B07C 3/14**

IPC 8 full level

**B07C 3/14** (2006.01); **G06T 1/00** (2006.01)

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