

Title (en)

SYSTEM AND METHOD FOR SORTING PACKAGED PRODUCTS AND ILLUMINATION DEVICE FOR USE THEREIN

Title (de)

SYSTEM UND VERFAHREN ZUM SORTIEREN VON VERPACKTEN PRODUKTEN UND BELEUCHTUNGSVORRICHTUNG ZUR VERWENDUNG DARIN

Title (fr)

SYSTÈME ET PROCÉDÉ DE TRI DE PRODUITS CONDITIONNÉS ET DISPOSITIF D'ÉCLAIRAGE À UTILISER EN LEUR SEIN

Publication

EP 3912737 A1 20211124 (EN)

Application

EP 20382436 A 20200522

Priority

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Abstract (en)

The invention relates to a system and method for sorting packaged products (1), provided with image capture means (4) in the visible spectrum and hyperspectral image capture means (5) in the infrared spectrum, which capture images on a line (3) illuminated by illumination means (7) in the visible spectrum and hyperspectral illumination means (6) in the infrared spectrum, further comprising first image processing means (12) configured to compare the spectral signature (26) of the hyperspectral images with reference patterns (27) and colour them with pre-established tones (28) and second processing means (13) configured to analyse a control area (36) of the images, in order to sort them and send sorting instructions to actuation means (14) of sorting means (9).

IPC 8 full level

B07C 5/342 (2006.01)

CPC (source: EP)

B07C 5/342 (2013.01)

Citation (applicant)

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