

Title (en)

SYSTEM FOR COLLECTING AND RECYCLING EMPTY CONTAINERS AND METHOD FOR IMPLEMENTING THE SYSTEM

Title (de)

SYSTEM ZUM SAMMELN UND RECYCELN VON LEEREN BEHÄLTERN UND VERFAHREN ZUR IMPLEMENTIERUNG DES SYSTEMS

Title (fr)

SYSTÈME DESTINÉ À LA COLLECTE ET AU RECYCLAGE DE RÉCIPIENTS VIDES ET PROCÉDÉ SERVANT À LA MISE EN OEUVRE DU SYSTÈME

Publication

EP 4392950 A1 20240703 (EN)

Application

EP 22769899 A 20220824

Priority

- IT 202100022280 A 20210825
- EP 2022073621 W 20220824

Abstract (en)

[origin: WO2023025859A1] The empty beverage container recycling system includes plastic containers with labels that contain information about the containers and the drinks they contain. The automatic machines for the sale of drinks, the tills, the RVM, the recycling plants and the bins are equipped with means to read the labels and have computer means configured to process the information associated to the containers. The server stores a database containing information about the recycling system, the empty containers and the drinks they contain and the users registered in the recycling system. The server software is configured to process the information stored in the labels of the empty containers and related to the beverages therein contained, which is transmitted by the automatic machines for the sale of containers, from the checkouts, from the automatic RVM and from recycling plants and bins. A software application loaded on a mobile phone of the users registered in the recycling system can read the text, the bar code or QR by means of optical reading means of the mobile phone and transmits the information contained on the labels to the server that associates the information received with the user's account.

IPC 8 full level

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