

Title (en)

ELECTRONIC SHELF LABELLING SYSTEM WITH A SHELF EDGE STRIP SUB-SYSTEM

Title (de)

ELEKTRONISCHES REGALETIKETTEN-SYSTEM MIT REGALSCHIENEN-SUB-SYSTEM

Title (fr)

SYSTÈME D'ÉTIQUETTES ÉLECTRONIQUES DE RAYONNAGE À SOUS-SYSTÈME DE RAILS DE RAYONNAGE

Publication

EP 4081892 A1 20221102 (DE)

Application

EP 19832144 A 20191223

Priority

EP 2019086992 W 20191223

Abstract (en)

[origin: WO2021129933A1] An electronic shelf labelling system (1), wherein the system has, on a shelf edge strip (3) of a shelf, a near-field communication (NFC) sub-system which is characterised in that the shelf edge strip has a shelf edge strip controller (4A-4C), the shelf edge strip controller having a first wireless communication module which is designed to wirelessly communicate as per a first communication method with an access point (6) for the purpose of transferring data with a server (5) of the shelf labelling system, and the shelf edge strip controller having an NFC-capable second wireless communication module for NFC-based power supply and communication with at least one NFC-capable shelf label (2A-2K) that can be secured on the shelf edge strip, and the shelf edge strip has at least one conductor loop (L) formed thereon and connected to the second NFC-capable communication module, the conductor loop being used for NFC communication with the NFC-capable shelf label, and the shelf edge strip has a light emitting unit (100) and the shelf edge strip controller is designed to control the light emitting unit as a result of the data transfer.

IPC 8 full level

G06F 3/147 (2006.01)

CPC (source: EP US)

G06F 3/147 (2013.01 - EP); **G09G 3/06** (2013.01 - US); **G09G 2330/021** (2013.01 - EP); **G09G 2370/16** (2013.01 - US); **G09G 2380/04** (2013.01 - EP US)

Citation (search report)

See references of WO 2021129933A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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DOCDB simple family (application)

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