

Title (en)
TEMPERATURE SENSOR FOR RETAIL ENVIRONMENTS

Title (de)
TEMPERATURSENSOR FÜR EINZELHANDELSUMGEBUNGEN

Title (fr)
CAPTEUR DE TEMPÉRATURE POUR DES ENVIRONNEMENTS DE VENTE AU DÉTAIL

Publication
EP 3061076 A4 20170419 (EN)

Application
EP 14856635 A 20141022

Priority

- US 201361894032 P 20131022
- US 201414217902 A 20140318
- US 201414262927 A 20140428
- US 201414300689 A 20140610
- US 2014061741 W 20141022

Abstract (en)
[origin: WO2015061429A1] A system and method for monitoring temperatures in retail environment. The method includes associating temperature monitoring electronic shelf labels with a product and monitoring the temperature at the temperature monitoring electronic shelf label. When the monitored temperature is outside a predetermined range for the associated product, a warning is generated and transmitted to system users. Temperatures are also stored for each monitored product and zone for subsequent review. The temperature monitoring electronic shelf label comprises a temperature sensor integrated with an electronic shelf label, is mounted in a retail environment with temperature-sensitive products, and is connected to a low voltage power supply and communicates with an area controller.

IPC 8 full level
G01K 3/04 (2006.01); **G08B 17/00** (2006.01); **G08B 21/18** (2006.01)

CPC (source: EP)
G01K 1/022 (2013.01); **G01K 1/024** (2013.01); **G01K 1/028** (2013.01); **G01K 3/005** (2013.01); **G01K 3/04** (2013.01); **G01K 2207/04** (2013.01)

Citation (search report)

- [X1] JP 2008067738 A 20080327 - SEIKO EPSON CORP
- [X1] WO 9962045 A1 19991202 - LEIDSCHIE TRUST EN BEHEERMAATSC [NL], et al
- [A] US 2009254419 A1 20091008 - MOCHIZUKI HIROKI [JP], et al
- [A] US 2008073431 A1 20080327 - DAVIS JESSE [US]
- See references of WO 2015061429A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2015061429 A1 20150430; CA 2928410 A1 20150430; EP 3061076 A1 20160831; EP 3061076 A4 20170419; JP 2016540966 A 20161228; MX 2016005343 A 20161216

DOCDB simple family (application)
US 2014061741 W 20141022; CA 2928410 A 20141022; EP 14856635 A 20141022; JP 2016526037 A 20141022; MX 2016005343 A 20141022