

Title (en)

DEVICE FOR INDICATING AT LEAST ONE PIECE OF INFORMATION REPRESENTATIVE OF THE EXPIRY DATE OF A LIQUID FOOD PRODUCT CONTAINED IN A VESSEL

Title (de)

VORRICHTUNG ZUR ANZEIGE VON MINDESTENS EINEM REPRÄSENTATIVEN INFORMATIONSTEIL FÜR DAS ABLAUFDATUM EINES FLÜSSIGEN LEBENSMITTELPRODUKTS IN EINEM BEHÄLTER

Title (fr)

DISPOSITIF INDICATEUR D'AU MOINS UNE INFORMATION REPRESENTATIVE DE LA DATE LIMITE DE CONSOMMATION D'UN LIQUIDE ALIMENTAIRE CONTENU DANS UN RECIPIENT

Publication

EP 2331421 A1 20110615 (FR)

Application

EP 09806423 A 20090810

Priority

- EP 2009060341 W 20090810
- FR 0855508 A 20080811

Abstract (en)

[origin: WO2010018151A1] The invention relates to a removable device (10, 60) for indicating at least one piece of information representative of the expiry date of a liquid food product after a first opening of the vessel (12, 63) in which said liquid is packaged, the vessel being of the bottle type having a portion defining a neck (70) and including a cap (11, 64) for closing said neck (70), wherein the indicating device (10, 60) includes a hollow body (20, 61) that houses: a means for triggering the determination of at least one piece of information representative of a duration; a means for determining a piece of information representative of a duration elapsed since said triggering; a means for communicating at least one piece of information representative of said elapsed duration, wherein the hollow body (20, 61) has means (51, 52, 53, 62) for reversibly and rigidly connecting to said cap (11, 64).

IPC 8 full level

B65D 51/24 (2006.01); **B65D 41/04** (2006.01)

CPC (source: EP)

B65D 51/245 (2013.01); **B65D 51/248** (2013.01)

Citation (search report)

See references of WO 2010018151A1

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

FR 2934915 A1 20100212; FR 2934915 B1 20100910; DK 2331421 T3 20140303; EP 2331421 A1 20110615; EP 2331421 B1 20131204; WO 2010018151 A1 20100218

DOCDB simple family (application)

FR 0855508 A 20080811; DK 09806423 T 20090810; EP 09806423 A 20090810; EP 2009060341 W 20090810