

Title (en)

ANTI-THEFT DEVICE

Title (de)

ANTIDIEBSTAHLVORRICHTUNG

Title (fr)

DISPOSITIF ANTIVOL

Publication

EP 3861187 A1 20210811 (FR)

Application

EP 19801943 A 20191002

Priority

- FR 1859121 A 20181002
- FR 1901968 A 20190226
- FR 1907257 A 20190701
- FR 2019052330 W 20191002

Abstract (en)

[origin: CA3115012A1] The invention relates to an anti-theft device comprising, inter alia, a notched strap having a free end and an end rigidly connected to a block which locks the notched surface of the notched strap in the closed position when the free end is inserted into an insertion slot provided in the locking block, the anti-theft device further comprising theft detection means. According to different embodiments, the device may include: - suitable signage on the parts indicating where to limit the tightening of the belt on the champagne bottles so as not to mark and damage the aluminium sheets covering the top of the champagne bottles with the flexible or fixed toothing of the belt, - a vertical notch using teeth on the two (fixed and movable) covers, said notch being designed to lock the movable cap precisely at the level at which the bottle neck to be protected is inserted into the device. Said notches are held together when the belt is tightened. - an "ink" security feature is obtained by adding an ink ampoule intended to prevent and determine theft by breaking the ampoule in the event of a characterised impact and the corresponding "Warning!" signage thereof. - a specific toothing of the belt means it can be adapted to different necks. In the event of a characterised vertical impact, the flexible toothing of the belt is altered to absorb the deformation due to the increase in the diameter of the bottle resulting from the impact. The toothing then returns to its original position when the thief attempts to remove the device from the neck.

IPC 8 full level

E05B 73/00 (2006.01)

CPC (source: EP US)

E05B 73/0041 (2013.01 - EP US); **E05B 73/0052** (2013.01 - US); **E05B 73/0017** (2013.01 - EP)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

FR 3086649 A1 20200403; CA 3115012 A1 20200409; CN 112955620 A 20210611; EP 3861187 A1 20210811; EP 3861187 B1 20221130; FR 3086683 A1 20200403; FR 3086683 B1 20220211; FR 3086684 A1 20200403; FR 3086684 B1 20220429; US 11873666 B2 20240116; US 2021372167 A1 20211202; WO 2020070444 A1 20200409

DOCDB simple family (application)

FR 1901968 A 20190226; CA 3115012 A 20191002; CN 201980072528 A 20191002; EP 19801943 A 20191002; FR 1859121 A 20181002; FR 1907257 A 20190701; FR 2019052330 W 20191002; US 201917282265 A 20191002