Title (en)

TAMPER-EVIDENT COUPLING SYSTEM, PROCESS OF MAKING SAID COUPLING SYSTEM, CONTAINER COMPRISING SAID COUPLING SYSTEM AND USE THEREOF

Title (de)

FÄLSCHUNGSSICHERES KUPPLUNGSSYSTEM, VERFAHREN ZUR HERSTELLUNG EINES SOLCHEN KUPPLUNGSSYSTEMS SOWIE BEHÄLTER UMFASSEND EIN SOLCHES KUPPLUNGSSYSTEM

Title (fr

SÝSTÉME D'INVIOLABILITÉ, PROCÉDÉ POUR LA FABRICATION D'UN TEL SYSTÉME ET CONTENEUR MUNI D'UN TEL SYSTÉME

Publication

EP 3453637 A1 20190313 (EN)

Application

EP 18190257 A 20180822

Priority

IT 201700100160 A 20170907

Abstract (en)

The present invention relates to a coupling system (1) made of tamper-evident sheet material comprising: a first base portion (11), a second base portion (12), a first coupling portion (13) borne by the first base portion (11), a second coupling portion (14) borne by the second base portion (12). The first and the second coupling portions are configured for defining an arming condition in which they are stably engaged with each other. At least one between the first and the second coupling portion (13, 14) comprises a removable portion (15) configured for separating from the coupling system upon a first disengagement condition of the first and second coupling portion (13, 14) following the arming condition for preventing a following coupling of the first and second coupling portion (13, 14). The coupling system comprises a supporting portion (16) constrained to the second base portion (12) and/or the second coupling portion (14); said supporting portion is configured, during an initial contact step between the first and the second coupling portion (13, 14), for supporting the second coupling portion. The present invention also relates to a process for making the coupling system, a container comprising said coupling system as well as a use of the latter.

IPC 8 full level

B65D 5/66 (2006.01)

CPC (source: EP)

B65D 5/6608 (2013.01); B65D 5/665 (2013.01); B65D 2585/56 (2013.01)

Citation (search report)

- [AD] WO 2015170203 A1 20151112 IGB SRL [IT]
- [AD] BE 410524 A 19350831 MINIDRE, GEORGES [FR]
- [A] WO 2013007306 A1 20130117 DUROPACK WELLPAPPE ANSBACH GMBH [DE], et al

Cited by

EP4124583A1; IT202100020438A1

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)

EP 3453637 A1 20190313; EP 3453637 B1 20200422; IT 201700100160 A1 20190307

DOCDB simple family (application)

EP 18190257 A 20180822; IT 201700100160 A 20170907