

Title (en)
Tamper evident seal

Title (de)
Originalitätssiegel

Title (fr)
Sceau de garantie

Publication
EP 1403190 B1 20070718 (DE)

Application
EP 03019739 A 20030829

Priority
DE 10245430 A 20020927

Abstract (en)
[origin: EP1403190A2] The seal comprises a piece of adhesive tape which is passed around the object and stuck to itself. The tape substrate comprises a crackable support so that pulling on either end of the tape will cause the support to become cracked and irreversibly damaged. Independent claims are also included for the following: (1) Multi layer adhesive tape for forming the seal, comprising a stretched thermoplastic film (10) with an optional release coating on the top side (12) and the following layers on the bottom side - a primer layer (14) which is well bonded to and covers part of the film, a separating layer (15) which is bonded to the primer layer better than to the film and which covers the primer layer, and an adhesive layer (16) which is bonded more strongly to the separating layer than to the film and which covers the release layer; (2) Multi layer adhesive tape for forming the seal, comprising a stretched thermoplastic film with an optional release coating on the top side and the following layers on the bottom side - a primer layer which is strongly anchored to the film and covers part of the latter, a first separating layer which is anchored to the primer layer more strongly than to the film and which covers the primer layer, a second separating layer which is anchored to the first separating layer more strongly than to the film and which is bonded to the first separating layer less strongly than the adhesive, and an adhesive layer which forms a stronger bond with the second separating layer than the latter does with the first separating layer and which covers the second separating layer; and (3) Multi layer adhesive tape for forming the seal, comprising a support film with a transparent printed text layer (17) bonded to it, which is covered with coloured layer strongly bonded to the film and printed text layer, the coloured layer being covered with a pressure-sensitive adhesive material.

IPC 8 full level
B65D 27/30 (2006.01); **B65D 33/34** (2006.01); **G09F 3/02** (2006.01); **G09F 3/03** (2006.01)

CPC (source: EP)
G09F 3/0292 (2013.01); **G09F 3/0341** (2013.01)

Cited by
EP1630116A3; DE102012221796B3; GB2599379A; EP2282303A3; EP4202889A1; US9914854B2; US11267220B2; WO2022069876A1; US10377117B2; US10968368B2

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 1403190 A2 20040331; **EP 1403190 A3 20040707**; **EP 1403190 B1 20070718**; DE 10245430 A1 20040408; DE 50307687 D1 20070830; ES 2290391 T3 20080216

DOCDB simple family (application)
EP 03019739 A 20030829; DE 10245430 A 20020927; DE 50307687 T 20030829; ES 03019739 T 20030829