

Title (en)

Process of packaging object(s) with a heat-shrinkable sleeve and heat-shrinkable sleeve

Title (de)

Verfahren zum Verpacken von Objekten mittels eines Schrumpfschlauchs und zugehöriger Schrumpfschlauch

Title (fr)

Procédé d'emballage d'objet(s) au moyen de manchons thermo-retractables, et enveloppe d'emballage associée

Publication

EP 1676782 B1 20110706 (FR)

Application

EP 05292498 A 20051125

Priority

FR 0414073 A 20041230

Abstract (en)

[origin: EP1676782A1] The method involves pre-positioning a thermo-retractable sleeve (11) on an object (10). The sleeve is retracted by a thermal process on the object. A thermo-retractable sleeve (12) is pre-positioned on the object covered by the retracted sleeve (11). The wall of the retracted sleeve (11) is reheated, by a thermal process, to obtain a thermal balance with the wall of the sleeve (12), and to retract the sleeve (12) on the sleeve (11). An independent claim is also included for an object packaging envelope including thermo-retractable sleeves.

IPC 8 full level

B65D 23/14 (2006.01); **B65D 23/08** (2006.01); **B65D 55/08** (2006.01); **B65D 71/08** (2006.01)

CPC (source: EP US)

B65D 23/14 (2013.01 - EP US)

Cited by

CN103522829A; WO2019101480A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1676782 A1 20060705; EP 1676782 B1 20110706; AT E515450 T1 20110715; BR PI0505639 A 20060919; BR PI0505639 B1 20190205; CN 100408436 C 20080806; CN 1799943 A 20060712; DK 1676782 T3 20110912; ES 2366788 T3 20111025; FR 2880330 A1 20060707; FR 2880330 B1 20090918; PL 1676782 T3 20111230; PT 1676782 E 20110923; SI 1676782 T1 20111130; US 2006157369 A1 20060720; US 7406811 B2 20080805

DOCDB simple family (application)

EP 05292498 A 20051125; AT 05292498 T 20051125; BR PI0505639 A 20051227; CN 200510138191 A 20051230; DK 05292498 T 20051125; ES 05292498 T 20051125; FR 0414073 A 20041230; PL 05292498 T 20051125; PT 05292498 T 20051125; SI 200531379 T 20051125; US 31729905 A 20051223