

Title (en)

Device for storing bottles

Title (de)

Einrichtung zum Speichern von Flaschen

Title (fr)

Dispositif de stockage pour bouteilles

Publication

EP 1582113 B1 20080416 (DE)

Application

EP 05005206 A 20050310

Priority

- DE 102004015672 A 20040331
- DE 102004018168 A 20040414

Abstract (en)

[origin: EP1582113A1] The device has a base (11) and arranged on it are guide rods (12, 12a). A diagonal distance X between two guide rods corresponds to the diameter of an internal vibrator. The edge 15 the base is near a guide and the diagonal distance to the edge corresponds to the half diameter of the internal vibrator. The guide rod has its upper free end conically shaped. The length of the guide rod corresponds to the bottle length.

IPC 8 full level

A47B 73/00 (2006.01); **B65B 21/00** (2006.01); **B65G 21/20** (2006.01)

CPC (source: EP)

A47B 73/00 (2013.01)

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1582113 A1 20051005; EP 1582113 B1 20080416; AT E392164 T1 20080515; DE 102004018168 A1 20051020;
DE 102004018168 B4 20070208; DE 502005003694 D1 20080529; DK 1582113 T3 20080818

DOCDB simple family (application)

EP 05005206 A 20050310; AT 05005206 T 20050310; DE 102004018168 A 20040414; DE 502005003694 T 20050310;
DK 05005206 T 20050310