

Title (en)

HOLDER FOR RECYCLING BOTTLES AND RECYCLING BOTTLE

Title (de)

HALTERUNG FÜR RECYCLING-FLASCHEN UND RECYCLING-FLASCHE

Title (fr)

SUPPORT POUR BOUTEILLES RECYCLABLES ET BOUTEILLE RECYCLABLE

Publication

**EP 1390272 B1 20050112 (DE)**

Application

**EP 02710657 A 20020129**

Priority

- AT 0200034 W 20020129
- AT 8322001 A 20010525

Abstract (en)

[origin: WO02094675A1] The invention relates to a holder for recycling bottles (2) made of plastic, comprising a base plate (3) and means (4) which are used to anchor said bottles and which are arranged on the upper side (17) of the base plate (3), engaging in indentations (6) disposed on the bottoms (5) of said bottles. The invention also relates to a recycling bottle (2) made of plastic for one such holder (1), comprising an indentation (6) disposed on the bottom (5) of the bottle. In order to facilitate handling of said bottles for recycling, to automatically determine the deposit of the bottles (2) and to enable said bottles (2) to be recycled in a simple, quick manner, the diameter of the anchoring means (4) becomes smaller in the direction away from the upper side (17) of the base plate (3) and barb-type recesses (7) are provided, whereby the bottles (2) are maintained in an optimum position on the holder (1). The base plate (3) is advantageously disposed inside the projection of the bottles (2) on said base plate (3).

IPC 1-7

**B65D 71/00**

IPC 8 full level

**B65D 71/70** (2006.01)

CPC (source: EP US)

**B65D 71/70** (2013.01 - EP US); **Y10S 220/15** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 02094675 A1 20021128**; AT E286837 T1 20050115; DE 50202000 D1 20050217; EP 1390272 A1 20040225; EP 1390272 B1 20050112; ES 2236492 T3 20050716; HK 1064075 A1 20050121; PT 1390272 E 20050531; US 2002175103 A1 20021128; US 6860389 B2 20050301

DOCDB simple family (application)

**AT 0200034 W 20020129**; AT 02710657 T 20020129; DE 50202000 T 20020129; EP 02710657 A 20020129; ES 02710657 T 20020129; HK 04106397 A 20040825; PT 02710657 T 20020129; US 11255302 A 20020329