

Title (en)
Electric bottle crusher

Title (de)
Elektrischer Verdichter für Flaschen

Title (fr)
Compacteur électrique pour bouteilles

Publication
EP 2253461 A1 20101124 (EN)

Application
EP 10425166 A 20100520

Priority
IT PS20090013 A 20090522

Abstract (en)
The object of the invention (fig. 1) comprises an electric bottle crusher "ANANKE" (1) for household use, which has a practically parallelepiped shape. On the top front part of the bottle crusher a panel (17) is installed, which incorporates a start-stop button (16), an "on" light (18) and a selector switch (20) for the version designed to be used with a container (9). An electrical panel (19) for governing and controlling the appliance is designed to be installed on the back of the panel (17). A fixed plate (8) is positioned on the base of the bottle crusher; this is where the bottle is crushed. Two columns (3) fitted with a rack and two columns (12) fitted with a bearing guide (14) are installed on the fixed plate (8). A moving pressing plate (5), slides from the top to the bottom and vice versa of the columns (3), driven by a gear motor (15) which relays movement to the aforementioned plate (5) by means of a pinion (6) which engages with the rack set into the columns (3). The moving plate (5) slides up and down the columns (3) on bushings (4), and up and down the columns (12) on the bearings (14) fitted into the guides set into the said columns. Accurate movement of the moving plate (5) is regulated by micro limit switches (2) and (7). On the bottom front part a loading/unloading door (10) for the bottles to be crushed is situated; if this door is not properly closed a micro safety switch (11) prevents the bottle crusher from operating. The bottle crusher (1) is enclosed in an elegant external casing (21) and easily fits in with any type of kitchen.

IPC 8 full level
B30B 9/32 (2006.01); **B30B 9/30** (2006.01)

CPC (source: EP)
B30B 9/3067 (2013.01); **B30B 9/321** (2013.01)

Citation (search report)
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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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2253461 A1 20101124; IT PS20090013 A1 20101123

DOCDB simple family (application)
EP 10425166 A 20100520; IT PS20090013 A 20090522