

Title (en)

Device and method for moving a container in oscillation

Title (de)

Vorrichtung und Verfahren zum Versetzen eines Behälter in Schwingungen

Title (fr)

Dispositif et procédé destinés à engager un récipient dans des oscillations

Publication

EP 2033912 A1 20090311 (DE)

Application

EP 08159571 A 20080703

Priority

DE 102007042347 A 20070906

Abstract (en)

The device (10) has a suction device (22) for temporarily sucking a container (30) e.g. two-wheeled container, in a base plate (21). A base plate moving device (25) temporarily moves the base plate in oscillations. The suction device includes a suction element (23) preferably a suction cup arranged at the base plate. A producing device (24) of the suction device temporarily produces low pressure in the suction element. The base plate is provided with a vibration damping element (28). A control device controls the suction device and/or the base plate moving device in oscillations. Independent claims are also included for the following: (1) a method for moving a container e.g. waste container, in oscillations e.g. high frequency oscillations, in sections (2) a method for draining containers e.g. waste containers.

Abstract (de)

Die Vorrichtung (20) zum Versetzen des Behälters (30) in Schwingungen weist einen Grundkörper (21), wenigstens eine Saugeinrichtung (22) mit Saugelementen (23) zum zumindest zeitweiligen Ansaugen des Behälters (30) an den Grundkörper (21) sowie eine Einrichtung (25) zum zumindest zeitweiligen Versetzen des Grundkörpers (21) in Schwingungen auf.

IPC 8 full level

B65F 3/04 (2006.01)

CPC (source: EP)

B65F 3/04 (2013.01); **B65F 2003/0236** (2013.01); **B65F 2003/0256** (2013.01); **B65F 2003/0296** (2013.01)

Citation (search report)

- [Y] DE 1048221 B 19581231 - HANS ZOELLER
- [Y] EP 0287433 A1 19881019 - SEMAT SOCIETE ANONYME FRANCAIS [FR]
- [A] WO 9528298 A1 19951026 - HAMILTON RAOUL [SE]
- [DA] DE 8419991 U1 19910221

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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