

Title (en)

Machine with a container and a device for controlling the tilting of said container

Title (de)

Maschine mit einem Container und einer Vorrichtung zur Steuerung des Kippens dieses Containers

Title (fr)

Machine comprenant un récipient et un dispositif de commande du basculement dudit récipient

Publication

EP 1757880 A1 20070228 (EN)

Application

EP 06114076 A 20060517

Priority

- EP 05425446 A 20050620
- EP 06114076 A 20060517

Abstract (en)

A device (1, 101) for controlling the tilting of a container (4, 104) seated on a fixed frame (20, 120) of a machine, comprising a motor member (2) having a first shaft (7) mechanically connected to a second shaft (9) rigidly connected to the container (4, 104), and with which the container rotates for tilting, has a first (12, 112) and a second (60, 160) mechanical check means, respectively for stopping the rotation of the second shaft (9) rigid with the container (4, 104) both in the tilting direction and in the opposite direction, and a balance structure (30, 130), rigidly connected to the motor member (2) and rotatable therewith, which structure in turn comprises a right-angle structure (38), loading members (70, 71, 72, 170, 171) associated with it and sensitive to its movement, and means for reversing and for stopping the rotation of said motor member (2).

IPC 8 full level

F25C 1/08 (2006.01); **F25C 1/10** (2006.01)

CPC (source: EP US)

F25C 1/10 (2013.01 - EP US); **F25C 2305/0221** (2021.08 - EP US)

Citation (search report)

- [A] GB 2090955 A 19820721 - CASTEL MAC SPA
- [A] EP 0662593 A1 19950712 - EURFRIGOR S R L [IT]
- [A] US 3027731 A 19620403 - LINDENBERG MILTON L, et al
- [A] US 2526262 A 19501017 - MUNSHOWER CLARENCE F
- [A] EP 0736738 A2 19961009 - HOSHIZAKI ELECTRIC CO LTD [JP]
- [A] FR 2522123 A1 19830826 - SIMKENS MARCELLUS [BE]

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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