

Title (en)
Automatic closing device for a container well

Title (de)
Automatische Verschlussvorrichtung für eine Grube

Title (fr)
Dispositif de fermeture automatique d'une fosse

Publication
EP 1714915 A1 20061025 (EN)

Application
EP 06008089 A 20060419

Priority
NL 1028803 A 20050419

Abstract (en)
Automatically closing covering device (1) for a container well, which has a rim construction (3) that is placed on the opening of a well, and two covering plates (5), which have a swivel connection around a pivot (7) to the rim construction. The covering device (1) is provided with a closing device that has two counter-weights (9), which are fastened via cables (11) at a distance from the pivot (7) to the covering plates (5). The cables (11) run from the counter-weight (9) straight upwards, after which they are led near the pivot (7) to a guide wheel (15) at a distance from the pivot an the rim construction (3), after which they are fastened to a side of the covering plates (5). The coveringplates (5) are provided with locking devices that each has a hook (19), which in the closed position of the covering plate (5) hooks behind a pin (21) behind the rim construction (3) and thus locks the covering plate in the closed position.

IPC 8 full level
B65F 1/14 (2006.01)

CPC (source: EP)
B65F 1/1447 (2013.01)

Citation (search report)
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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

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