

Title (en)
REFUSE RECEPTACLE

Publication
EP 0170603 B1 19881026 (FR)

Application
EP 85440042 A 19850612

Priority
FR 8409791 A 19840614

Abstract (en)
[origin: EP0170603A1] 1. A refuse-bin (1) in particular intended for a town utilization comprising : - a frame (2) anchored in the ground, supporting a rubbish container (3), particularly having an upper opening (13) allowing the shooting of rubbish in the container (3), - securing and articulation means (17, 18) of said container (3) on the frame (2), defining a rotation axis (21) around which may pivot the container (3) so as to can empty its contents by orientating its opening (13) towards the bottom, - bolting means of said container (3) in vertical position of normal utilization, opening (13) towards the top, composed at least of elastic means (35) supported by the frame (2) and the container (3), characterized by the fact that : - said axis (21) is mounted transversally to said container (3) and to its upper part so that, after its pivoting, independently of its sense, towards the right hand or towards the left hand, for the emptying, the container returns, only owing to the gravity, to its said vertical position of normal utilization ; - and said elastic means (35) are composed, on the one hand, of a latch (37) having a projecting part (39) in the shape of bolt fastened to a pressure spring (38) and, on the other hand, of a guiding strip (36) having the form of a symmetrical guiding ramp suited to progressively compress said latch (37) when the container (3) returns by gravity towards its vertical position of normal utilization, after the emptying operation, said guiding strip (36) also having at least an aperture (30) suited to receive said bolt (39) in order to assure the automatic bolting of the container when it is returned to its vertical position.

IPC 1-7
B65F 1/14

IPC 8 full level
B65F 1/14 (2006.01)

CPC (source: EP)
B65F 1/141 (2013.01)

Cited by
CN107628388A; EP0408119A1; CN110498162A; US5735663A; AU695536B2; WO9528341A1

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