

Title (en)  
DEVICE FOR THE COLLECTION OF URBAN WASTE

Title (de)  
VORRICHTUNG ZUM SAMMELN VON STADTABFÄLLEN

Title (fr)  
DISPOSITIF DE COLLECTE DE DÉCHETS URBAINS

Publication  
**EP 3816070 B1 20221005 (EN)**

Application  
**EP 20205153 A 20201102**

Priority  
IT 201900020280 A 20191104

Abstract (en)  
[origin: EP3816070A1] A containment structure (2) defines a containment chamber (4) and comprises a top wall (5) having a conferring mouth (8) provided with a shutter (9) movable towards an opening condition, to enable the introduction of waste into the containment chamber (4). At least one swinging arm (17) engaged in the containment chamber (4) is movable between a raised position and a lowered position in which it is respectively brought closer to and moved away from the top wall (5). A link mechanism (20) moves the swinging arm (17) between the raised position and the lowered position following a movement of at least one control lever (11a, 11b) between a rest position and a working position. A signalling device (28) indicates occurrence of a maximum filling degree when the translation of the swinging arm (17) towards the lowered position is prevented by the presence of the waste accumulated in the containment chamber (4).

IPC 8 full level  
**B65F 1/12** (2006.01); **B65F 1/14** (2006.01); **B65F 1/16** (2006.01)

CPC (source: EP)  
**B65F 1/163** (2013.01); **B65F 1/1638** (2013.01); **B65F 1/12** (2013.01); **B65F 2210/108** (2013.01); **B65F 2210/128** (2013.01); **B65F 2210/139** (2013.01); **B65F 2210/1443** (2013.01); **B65F 2210/1446** (2013.01)

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 RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 3816070 A1 20210505**; **EP 3816070 B1 20221005**; ES 2934944 T3 20230228; IT 201900020280 A1 20210504

DOCDB simple family (application)  
**EP 20205153 A 20201102**; ES 20205153 T 20201102; IT 201900020280 A 20191104