

Title (en)
Disposal system

Title (de)
Entsorgungssystem

Title (fr)
Système de mise au rebut

Publication
EP 2808272 A1 20141203 (EN)

Application
EP 14162729 A 20140331

Priority
IT BS20130075 A 20130528

Abstract (en)
A system (1) for disposing of contaminated/dangerous material or of at least one waste comprising a carriage (10) which delimits a containment compartment (4) configured to receive waste through a filling aperture (6) of the carriage (10). The carriage (10) delimits, downstream of the containment compartment (4) and in communication therewith, at least one exit aperture (8) of the waste, closed by a mobile carriage trap-door (12). Said carriage (10) comprises retention means of said trap-door (12) in a closed configuration of the exit aperture (8). The system further comprises at least one emptying station (14) comprising a collection chamber (16) positioned under the carriage (10) when the carriage (10) engages said station, and which is configured to receive the waste coming out of the exit aperture (8), for example by gravity. The emptying station (14) further comprises release means acting on the retention means to reach an open configuration of the carriage trap-door (12).

IPC 8 full level
B65F 1/10 (2006.01); **B65F 1/12** (2006.01); **B65F 1/14** (2006.01)

CPC (source: EP)
B65F 1/10 (2013.01); **B65F 1/125** (2013.01); **B65F 1/141** (2013.01); **B65F 1/1447** (2013.01); **B65F 1/1473** (2013.01); **B65F 2210/148** (2013.01); **B65F 2240/128** (2013.01)

Citation (search report)

- [X] US 4358238 A 19821109 - ELY LEWIS C
- [X] DE 29707809 U1 19970717 - HEYDEN GERHARD VON DER [DE]
- [X] CA 1003696 A 19770118 - ASEA AB
- [X] FR 2497777 A1 19820716 - BRANCA JACQUES [FR]
- [XA] WO 2004002857 A1 20040108 - MOORE JOHN JOSEPH [AU], et al

Cited by
EP2939955A1; EP3865425A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2808272 A1 20141203; **EP 2808272 B1 20170419**; IT BS20130075 A1 20141129

DOCDB simple family (application)
EP 14162729 A 20140331; IT BS20130075 A 20130528