

Title (en)
Blast-resistant litter bin

Title (de)
Explosionsicherer Abfallbehälter

Title (fr)
Borne de propreté sécurisée.

Publication
EP 0882659 B1 20000719 (FR)

Application
EP 98401276 A 19980528

Priority
FR 9706950 A 19970605

Abstract (en)
[origin: EP0882659A1] The litter bin, for use in public places, consists of two cylinders (1,2) fixed to a base (5). Both cylinders are open at the top and bottom, the inner one (2) acting as a holder for a receptacle, and the outer one separate from the inner one and set at a distance from it so that it can contain any deformation of the inner container resulting from an explosion inside it. The two cylinders (1,2) are connected to the base (4) by legs (4), and are located concentrically, with the outer cylinder taller than the inner one and positioned so that any fragments from the explosion are directed downwards at an angle of less than 45 degrees. The inner cylinder is made from steel or titanium, and the outer one of steel, a light alloy or a composition material.

IPC 1-7
B65F 1/14; **F42B 39/14**

IPC 8 full level
B65F 1/14 (2006.01); **F42B 39/14** (2006.01)

CPC (source: EP)
B65F 1/14 (2013.01); **F42B 39/14** (2013.01); **B65F 2220/104** (2013.01)

Cited by
EP1013568A1; FR2972431A1; FR2787769A1

Designated contracting state (EPC)
DE ES GB IE IT

DOCDB simple family (publication)
EP 0882659 A1 19981209; **EP 0882659 B1 20000719**; DE 69800220 D1 20000824; DE 69800220 T2 20010308; ES 2149034 T3 20001016; FR 2764275 A1 19981211; FR 2764275 B1 19990730; IL 124713 A0 19990126; IL 124713 A 20010128

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