

Title (en)
DEVICE FOR EMPTYING CONTAINERS

Publication
EP 0529219 A3 19930519 (DE)

Application
EP 92110097 A 19920616

Priority
DE 4128955 A 19910830

Abstract (en)
[origin: US5322407A] In order to make it possible to empty in particular, large containers with a crew of just one person, an emptying device with a tilting/lifting device 1 and a control unit 4 is described to which a trigger switch 2 is connected which is actuated by the container to be emptied as it approaches the lifting/tilting device and which triggers the raising phase of the lifting/tilting process automatically. When a preset raised level of the lifting/tilting device is reached the control unit interrupts the raising phase. In addition, a first manual actuator 8 to trigger the automatic emptying process, which actuator has an effect upon the control unit 4 only after the interruption of the lifting process, is connected to the control unit. The control unit 4 contains a programmable device 5 into which the preset raised level can be inputted. The programmable device 5 also assumes the function of monitoring the preset time spans, such as the time span between the actuation of the trigger switch 2 and the actuation of the acknowledgement signal switch 3. After the container is emptied, putting the container back down completely is accomplished by means of a second manual actuator 9.

IPC 1-7
B65F 3/04

IPC 8 full level
B65F 3/02 (2006.01); **B65F 3/04** (2006.01); **B65F 3/00** (2006.01)

CPC (source: EP KR US)
B65F 3/00 (2013.01 - KR); **B65F 3/04** (2013.01 - EP US); **B65F 3/001** (2013.01 - EP US)

Citation (search report)

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- [AD] WO 8903794 A1 19890505 - E S D ENTSGUNGS SYSTEME FUER [DE]
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DE4343811C1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL PT SE

DOCDB simple family (publication)
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US 93625992 A 19920827; AT 92110097 T 19920616; AU 2068792 A 19920730; CA 2077174 A 19920828; CS 211992 A 19920708; DE 4128955 A 19910830; DE 59202017 T 19920616; EP 92110097 A 19920616; ES 92110097 T 19920616; HU 9202783 A 19920828; IE 922554 A 19920731; JP 23080992 A 19920831; KR 920014784 A 19920817; PL 29576592 A 19920828; SI 9200175 A 19920818; SK 211992 A 19920708; SU 5052343 A 19920817; TR 79692 A 19920817; YU 75892 A 19920807; ZA 926521 A 19920828