

Title (en)  
CISTERN FILLING AND EMPTYING ASSEMBLY

Title (de)  
FÜLL- UND ENTLEERUNGSANORDNUNG FÜR EINEN SPÜLKASTEN

Title (fr)  
ENSEMBLE DE REMPLISSAGE ET DE VIDANGE D'UN RÉSERVOIR

Publication  
**EP 2123832 A1 20091125 (EN)**

Application  
**EP 08718468 A 20080208**

Priority  
• ES 2008070021 W 20080208  
• ES 200700374 A 20070212

Abstract (en)  
The invention relates to a cistern filling and emptying assembly including: a suitable structure (42) having independent water pulsing pipes (47 and 48) for partially or totally emptying the cistern, whereby the height of the structure can be adjusted with a single action which simultaneously adjusts all of the levels of the cistern; and a distributor (13) for distributing the water entering the cistern, having valves (19, 30 and 31) for the successive water filling and emptying operations. The water in the apparatus is used to produce a flow of water by means of a short slight pulse and said flow enables the selective partial or total emptying of the cistern.

IPC 8 full level  
**E03D 1/14** (2006.01); **E03D 1/36** (2006.01); **E03D 5/02** (2006.01); **E03D 5/09** (2006.01)

CPC (source: EP ES)  
**E03D 1/14** (2013.01 - ES); **E03D 1/142** (2013.01 - EP); **E03D 1/144** (2013.01 - EP); **E03D 1/36** (2013.01 - EP); **E03D 5/024** (2013.01 - EP ES)

Cited by  
DE102017131399A1; US11193262B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 2123832 A1 20091125**; **EP 2123832 A4 20150610**; ES 2289958 A1 20080201; ES 2289958 B1 20090416; WO 2008099043 A1 20080821

DOCDB simple family (application)  
**EP 08718468 A 20080208**; ES 200700374 A 20070212; ES 2008070021 W 20080208