Title (en)
AN APPARATUS FOR DETERMINING THE FLUID CONTENT OF A CONTAINER

Title (de)
VORRICHTUNG ZUR BESTIMMUNG DES VOLUMENS EINES BEHÄLTERS

Title (fr)
APPAREIL POUR DETERMINER LE CONTENU EN FLUIDE D'UN CONTENANT

Publication
EP 1319172 A1 20030618 (EN)

Application
EP 01956659 A 20010806

Priority
- GB 0103519 W 20010806
- GB 0019163 A 20000805

Abstract (en)
[origin: WO0212841A1] An apparatus (10) to establish when the quantity of fluid remaining on a container falls below an adjustable predetermined level has a base (11), which houses elements adapted to deflect proportionally to the weight applied to them. A lid (12), adapted to sit on the elements, receives or supports the container. The elements are arranged to operate a switch (62) when deflection of the elements reaches or falls below a predetermined value, thereby activating a warning or alarm system. The warning system can include one or more light-emitting diodes (15, 16) or an audio/visual alarm (20) and can be either integral with the apparatus or remote therefrom. The elements can comprise a number of levers (54) which are operatively linked together, which respond to the weight of the container on the lid (12).

IPC 1-7
G01G 17/04; F17C 13/02

IPC 8 full level
F17C 13/02 (2006.01); **G01G 17/04** (2006.01)

CPC (source: EP)
F17C 13/023 (2013.01); **G01G 17/04** (2013.01); F17C 2250/034 (2013.01); F17C 2250/036 (2013.01); F17C 2250/0408 (2013.01); F17C 2250/0421 (2013.01); F17C 2250/0495 (2013.01); F17C 2250/072 (2013.01); F17C 2260/024 (2013.01); F17C 2270/0745 (2013.01)

Citation (search report)
See references of WO 0212841A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0212841 A1 20020214; AU 7858301 A 20020218; CA 2418668 A1 20020214; EP 1319172 A1 20030618; GB 0019163 D0 20000927

DOCDB simple family (application)
GB 0103519 W 20010806; AU 7858301 A 20010806; CA 2418668 A 20010806; EP 01956659 A 20010806; GB 0019163 A 20000805