

Title (en)
Rinsable lifting device

Title (de)
Spülbares Huborgan

Title (fr)
Organe de levage pouvant être rincé

Publication
EP 1464613 B1 20120404 (DE)

Application
EP 04002517 A 20040205

Priority
DE 10314634 A 20030401

Abstract (en)
[origin: EP1464613A2] In a process to fill a receptacle with a measured quantity of drink, the liquid is dispensed from filling station with a cylinder and a moving piston. The cylinder and piston assembly incorporate a drill hole (5, 6) access arrangement for a cleaning agent.

IPC 8 full level
B67C 3/00 (2006.01); **B67C 3/24** (2006.01)

CPC (source: EP US)
B67C 3/244 (2013.01 - EP US)

Cited by
DE102012104710A1; CN103449347A; EP2669243A1; US9851364B2; DE102008045070A1; EP2469269A1; EP2031376A2

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 1464613 A2 20041006; EP 1464613 A3 20050302; EP 1464613 B1 20120404; DE 10314634 A1 20041014; JP 2004307062 A 20041104; JP 4383922 B2 20091216; US 2005034779 A1 20050217; US 6918417 B2 20050719

DOCDB simple family (application)
EP 04002517 A 20040205; DE 10314634 A 20030401; JP 2004041025 A 20040218; US 81365104 A 20040330