

Title (en)

CONNECT/DISCONNECT COUPLING FOR A CONTAINER

Title (de)

ANSCHLUSS- UND TRENNKUPPLUNG FÜR EINEN BEHÄLTER

Title (fr)

COUPLAGE DE CONNEXION/DÉCONNEXION POUR UN CONTENANT

Publication

EP 2051928 A2 20090429 (EN)

Application

EP 07836053 A 20070711

Priority

- US 2007015818 W 20070711
- US 80702406 P 20060711

Abstract (en)

[origin: WO2008008392A2] A coupling assembly for removing contents of a container from an opening in the container. The coupling assembly includes a container insert coupled to the container opening, the container insert including an insert passage, and an insert vent path extending through the container insert. The coupling assembly also includes a unit including a unit cavity, a valve assembly positioned axially therein, and a unit vent path. When the unit is coupled to the container insert, the insert vent path mates with the unit vent path to create a complete vent path extending from within the container to a vent port on the unit, and the valve assembly opens to place the insert passage in fluid communication with the first unit cavity.

IPC 8 full level

B67D 7/02 (2010.01)

CPC (source: EP US)

B67D 7/0294 (2013.01 - EP US); **F17C 13/04** (2013.01 - EP US)

Citation (search report)

See references of WO 2008008392A2

Cited by

US10086983B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2008008392 A2 20080117; **WO 2008008392 A3 20080403**; CN 101600644 A 20091209; CN 101600644 B 20140813; EP 2051928 A2 20090429; US 2008011785 A1 20080117

DOCDB simple family (application)

US 2007015818 W 20070711; CN 200780032658 A 20070711; EP 07836053 A 20070711; US 77614107 A 20070711