

Title (en)  
A FILLING SYSTEM FOR FILLING SUBSTANCE INTO CONTAINERS

Title (de)  
FÜLLSYSTEM ZUM EINFÜLLEN VON STOFFEN IN BEHÄLTER

Title (fr)  
SYSTEME DE REMPLISSAGE DE RECIPIENTS AVEC UNE SUBSTANCE

Publication  
**EP 1987283 B1 20190410 (EN)**

Application  
**EP 07702475 A 20070206**

Priority

- DK 2007000057 W 20070206
- DK PA200600197 A 20060210

Abstract (en)  
[origin: WO2007090398A1] The present invention relates to a filling system. One object of the invention is to provide a filling system with a reduced number of scales included for providing input for controlling the filling operation. The system has an electronic scale incorporated in at least two separate weighing sections being arranged to individually weigh the transport units holding containers to be filled, while the transport units are passing the weighing sections. Operation of the filling system includes operations in relation to weighing information obtained from the weighing sections. The filling system according to the invention may include only two scales, which is significantly less than the known systems, which include an individual scale for each transport unit.

IPC 8 full level  
**F17C 5/00** (2006.01); **F17C 5/02** (2006.01); **F17C 13/02** (2006.01)

CPC (source: EP)  
**F17C 5/005** (2013.01); **F17C 5/02** (2013.01); **F17C 13/023** (2013.01); **F17C 2221/035** (2013.01); **F17C 2223/0153** (2013.01); **F17C 2223/033** (2013.01); **F17C 2225/0153** (2013.01); **F17C 2225/033** (2013.01); **F17C 2250/0421** (2013.01); **F17C 2250/0473** (2013.01); **F17C 2260/024** (2013.01); **F17C 2270/059** (2013.01); **F17C 2270/0745** (2013.01)

Cited by  
WO2024099912A1

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**WO 2007090398 A1 20070816**; BR PI0707624 A2 20110510; BR PI0707624 B1 20190424; BR PI0707624 B8 20191203; CN 101379340 A 20090304; CN 101379340 B 20120627; EA 014677 B1 20101230; EA 200801803 A1 20090227; EP 1987283 A1 20081105; EP 1987283 B1 20190410; ES 2733019 T3 20191127; JP 2009525926 A 20090716; JP 4886795 B2 20120229; MY 149213 A 20130731; PL 1987283 T3 20191231; SA 07280033 B1 20110622; TR 201910234 T4 20190722

DOCDB simple family (application)  
**DK 2007000057 W 20070206**; BR PI0707624 A 20070206; CN 200780004956 A 20070206; EA 200801803 A 20070206; EP 07702475 A 20070206; ES 07702475 T 20070206; JP 2008553615 A 20070206; MY PI20082682 A 20070206; PL 07702475 T 20070206; SA 07280033 A 20070210; TR 201910234 T 20070206