

Title (en)  
Gas charging equipment.

Title (de)  
Gasfüllanlage.

Title (fr)  
Dispositif de remplissage de gaz.

Publication  
**EP 0661493 A1 19950705 (EN)**

Application  
**EP 94309885 A 19941222**

Priority  
JP 33817893 A 19931228

Abstract (en)  
In an LP gas charging equipment having an electrobalance (3) disposed in a carrying-in line (1) to a turntable (A) to weigh containers, a control panel (B) to which the electrobalance is connected and which has a central processing unit, gas charging valves adapted to open while the containers are moved by the turntable to supply gas from a gas distributor (5) to the containers, and flowmeters (9) for measuring the flow rate of gas at the time of gas charging, the amount of gas to be charged being calculated by the central processing unit (B) on the basis of the measured value provided from the electrobalance to control the gas charging work, an air distributor (6) and an electric distributor (7) are disposed centrally on the turntable, solenoid valves (15) and controllers (33) are arranged around those distributors, the controllers having address memories corresponding to container rest portions on the turntable, and the solenoid valves and flowmeters are connected to the solenoid valves in corresponding relation to the said memory addresses. <IMAGE> <IMAGE>

IPC 1-7  
**F17C 5/00**; **F17C 13/02**

IPC 8 full level  
**F17C 5/02** (2006.01); **F17C 5/00** (2006.01); **F17C 6/00** (2006.01); **F17C 13/02** (2006.01)

CPC (source: EP KR)  
**F17C 5/005** (2013.01 - EP KR); **F17C 13/023** (2013.01 - EP KR); **F17C 2205/0326** (2013.01 - EP KR); **F17C 2221/035** (2013.01 - EP); **F17C 2223/0153** (2013.01 - EP); **F17C 2223/033** (2013.01 - EP); **F17C 2250/032** (2013.01 - EP KR); **F17C 2250/0421** (2013.01 - EP KR); **F17C 2250/0426** (2013.01 - EP KR); **F17C 2250/0443** (2013.01 - EP KR); **F17C 2250/0636** (2013.01 - EP KR); **F17C 2260/042** (2013.01 - EP); **F17C 2270/059** (2013.01 - EP KR)

Citation (search report)

- [XA] EP 0534876 A1 19930331 - PROVENCALE D AUTOMATION ET DE [FR]
- [X] PATENT ABSTRACTS OF JAPAN vol. 015, no. 168 (M - 1107) 26 April 1991 (1991-04-26)
- [X] PATENT ABSTRACTS OF JAPAN vol. 8, no. 203 (M - 326)<1640> 18 September 1984 (1984-09-18)

Cited by  
WO2007090398A1; FR2787551A1; EA014677B1; CN117489967A; WO9939130A3

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0661493 A1 19950705**; **EP 0661493 B1 19980805**; DE 69412226 D1 19980910; JP 2648563 B2 19970903; JP H07198096 A 19950801; KR 950019358 A 19950722; TW 262526 B 19951111

DOCDB simple family (application)  
**EP 94309885 A 19941222**; DE 69412226 T 19941222; JP 33817893 A 19931228; KR 19940037424 A 19941227; TW 83110962 A 19941125