

Title (en)

PROCESS FOR FILLING LIQUEFIED-GAS BOTTLES AND INSTALLATION FOR CARRYING IT OUT

Publication

EP 0034098 B1 19831005 (FR)

Application

EP 81400185 A 19810206

Priority

FR 8002680 A 19800207

Abstract (en)

[origin: EP0034098A1] 1. Process of filling liquefied-gas bottles capable of containing a random residual mass, the said process permitting the quantity of liquefied gas in the bottles to be limited between a maximum quantity QMax and a minimum quantity QMin while having an average weight greater or equal to QNom corresponding to the nominal quantity of gas, characterized in that it consists in : - selecting, before filling the bottles, those which contain a residual quantity of gas less than QMax - QNom (at 3, 3a) ; - filling the said selected bottles with the same quantity of gas QNom +/- epsilon (epsilon representing the difference between the nominal weight and the average weight of the gas actually contained in the bottles after filling, which is determined periodically) (at 5) ; - removing, after filling, the bottles containing a quantity of gas greater than QMax and the bottles containing a quantity of gas less than QMin (at 12-14) ; - periodically checking the conformity of the charges of gas contained in the bottles with the specifications (at 16).

IPC 1-7

F17C 5/02

IPC 8 full level

B07C 5/34 (2006.01); **F17C 5/00** (2006.01); **F17C 5/02** (2006.01)

CPC (source: EP)

B07C 5/3404 (2013.01); **F17C 5/005** (2013.01); **F17C 2223/0153** (2013.01); **F17C 2227/04** (2013.01); **F17C 2250/0421** (2013.01); **F17C 2250/06** (2013.01); **F17C 2270/059** (2013.01)

Citation (examination)

- FR 2279023 A1 19760213 - UTILISATION RATION GAZ [FR]
- FR 2384245 A1 19781013 - BEDFORD ENGINEERING CORP [US]
- GB 1187424 A 19700408 - DEMAG AG [DE]
- US 2999589 A 19610912 - ALAN NORWICH

Cited by

FR2504650A1; US5929337A; FR2889730A1; EP0534876A1; FR2681934A1; EP0537094A1; FR2682455A1; FR2564943A1; CN114234045A; FR2905880A1; CN104043595A; EP2275731A1; FR2948168A1; WO2009136380A1; WO9614943A1; WO2007017604A1; WO2008031977A3

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