Title (en)

PROCESS FOR THE RECOVERY OF STEAM EMITTED IN A LIQUID DISTRIBUTION PLANT

Title (de)

VERFAHREN ZUR RÜCKGEWINNUNG VON DÄMPFEN AN EINER FLÜSSIGKEITS-ZAPFSTELLE

Title (fr)

PROCEDE DE RECUPERATION DE VAPEUR EMISE DANS UNE INSTALLATION DE DISTRIBUTION DE LIQUIDE

Publication

EP 0843644 B1 20001115 (FR)

Application

EP 96927121 A 19960729

Priority

• FR 9601217 W 19960729
• FR 9509796 A 19950810

Abstract (en)

[origin: US6047745A] PCT No. PCT/FR96/01217 Sec. 371 Date Feb. 3, 1998 Sec. 102(e) Date Feb. 3, 1998 PCT Filed Jul. 29, 1996 PCT Pub. No. WO97/06095 PCT Pub. Date Feb. 20, 1997A method of recovering vapor emitted in a liquid dispensing installation comprising: liquid dispensing means (PL) adapted to cause said liquid to flow with a liquid flowrate QL; vapor recovery means (PV) adapted to cause said vapor to flow with a vapor flowrate QV along a pipe (120), said vapor flowrate QV being controlled by a parameter G. According to the invention, the method includes the following steps: establishing an equation G=F (QV, {pi}) relating the parameter G to the vapor flowrate QV and to parameters pi characteristic of the recovery means and said pipe (120); determining an initial value {pi}o of the parameters pi; on each dispensing k of liquid: measuring the liquid flowrate QLk and determining a value Gk of the parameter G from the equation: Gk=F (QLk, {pi}k-1); determining a new value {pi}k of the parameters pi to be used for the next dispensing k+1 of liquid. Application to dispensing fuel for motor vehicles.

IPC 1-7

B67D 5/04

IPC 8 full level

B67D 7/04 (2010.01)

CPC (source: EP US)

B67D 7/048 (2013.01 - EP US); **B67D 7/0486** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK ES GB IT LI LU NL SE

DOCDB simple family (publication)

WO 9706095 A1 19970220; AT E197586 T1 20001215; CA 2227874 A1 19970220; CA 2227874 C 20030128; DE 69610985 D1 20001221; DE 69610985 T2 20021031; EP 0843644 A1 19980527; EP 0843644 B1 20001115; ES 2153969 T3 20010316; FR 2737717 A1 19970214; FR 2737717 B1 19970912; US 6047745 A 20000411

DOCDB simple family (application)

FR 9601217 W 19960729; AT 96927121 T 19960729; CA 2227874 A 19960729; DE 69610985 T 19960729; EP 96927121 A 19960729; ES 96927121 T 19960729; FR 9509796 A 19950810; US 41698 A 19980203