

Apparatus for gravity-emptying bottles containing frozen blood product
comprising a unit for monitoring emptying and emptying method

ABSTRACT

Apparatus for gravity-emptying bottles containing frozen blood product comprising a unit for monitoring emptying and emptying method

Apparatus for gravity-emptying bottles containing frozen blood product, characterised in that it comprises a unit for monitoring emptying which in turn comprises:

an automatic unit for checking the weight of emptied bottles, which in turn comprises:

- a) a load detection system for measuring the weight of emptied bottles;
- b) an air pressure measuring unit for measuring the pressure in the room in which the emptying apparatus is located;
- c) a measurement compensation unit for correcting the load value on the basis of the room pressure measurement;

such that the weight-checking unit generates a “not empty” signal if the value of the corrected load is greater than or equal to a predetermined value.

Fig. 1