

ABSTRACT

GAS SUPPLY DEVICE AND REFRIGERATION DEVICE FOR CONTAINER PROVIDED WITH SAID GAS SUPPLY DEVICE

Disclosed is a gas supply device (30) provided for a container (11) in which a
5 breathing plant (15) is housed. The device (30) supplies nitrogen-enriched air into the
container (11). The device (30) is provided with a malfunction diagnosis section (91) which
checks whether each of components of the device (30) works properly or not and specifies a
malfunctioning portion if an oxygen concentration of the nitrogen-enriched air does not fall
to or below a predetermined concentration. The malfunction diagnosis section (91) checks
10 whether each of an air pump (31), a motor (41), and a switching mechanism (32, 33) works
properly or not, and determines that an adsorbent is not working properly when it is
determined that all of the air pump (31), the motor (41), and the switching mechanism (32,
33) are working properly.

FIG. 4