

Title (en)

Respiratory apparatus and its use in an installation to protect against hypoxia

Title (de)

Beatmungsgerät und seine Benutzung in einer Schutzanlage gegen Hypoxie

Title (fr)

Appareil respiratoire et installation de protection contre l'hypoxie en comportant application

Publication

EP 1275415 B1 20070411 (FR)

Application

EP 02291601 A 20020627

Priority

FR 0109216 A 20010711

Abstract (en)

[origin: EP1275415A1] The respirator consists of a mask (10) with a regulator, connected to a source (30) of breathable gas and incorporating a buffer chamber (34) of sufficient volume for at least two successive breaths and an intake connected via a non-return valve (36) to a generator of oxygen enriched air that forms the gas source (30). The inlet line also incorporates a solenoid valve (38) that prevents the initial filling of the buffer chamber before the inlet pressure from the generator reaches a set level. The face mask has a pneumatic harness (14) actuated by a manually-operated valve, and the generator and non-return valve are actuated when the box containing the mask is opened.

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP3417913A1; FR3067612A1; WO2007121771A1

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