

Title (en)
AUTOMATIC-LUNG REGULATOR FOR COMPRESSED-AIR RESPIRATION APPARATUS

Title (de)
LUNGENAUTOMAT FÜR PRESSLUFT-ATEMGERÄTE

Title (fr)
DETENDEUR POUR APPAREILS RESPIRATOIRES A AIR COMPRIME

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EP 1387708 B1 20070117 (DE)

Application
EP 02719678 A 20020312

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Abstract (en)
[origin: DE10125076C1] The invention relates to an automatic-lung regulator for compressed-air respiration apparatus, comprising a diaphragm (2) that can be actuated by respiration for controlling the air supply. Said regulator has a fixing moulded body (5) on a locking lever (1) for locking the diaphragm in an operating phase, said body being maintained in a release or locking position by a first spring element (4). A second spring element (10), which can be displaced in a longitudinal direction in a limited manner, acts as a safety fixing element in order to reinforce the locking action of the locking lever, when the automatic-lung regulator is subjected to external mechanical influences.

IPC 8 full level
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