

Title (en)
LIFE-SAVING DEVICE FOR DIVERS

Publication
EP 0223127 B1 19891018 (DE)

Application
EP 86115024 A 19861029

Priority
DE 3538960 A 19851102

Abstract (en)
1. Life-saving device for divers with a buoyancy body which may be filled and a respiratory bag into which a respiratory gas mixture is supplied, dosed from a compressed gas supply, characterised in that from the very beginning of the ascent from great diving depths, a first compressed gas container (4) containing a gas mixture for great diving depths is connected to the respiratory bag (1) via a fixed pressure-reducing valve (7), and a second compressed gas container (3) containing a gas mixture for shallow diving depths is connected to said respiratory bag via a pressure reducer (5) and a second fixed pressure-reducing valve (6) connected downstream thereof, whereby the filling pressures and the compositions of the gas and also the pressure-reducing valves are so coordinated with one another that the oxygen partial pressure prevailing at the time corresponds to the physiologically permissible amounts.

IPC 1-7
B63C 11/02; **B63G 8/40**

IPC 8 full level
B63C 11/02 (2006.01); **B63G 8/40** (2006.01)

CPC (source: EP US)
B63C 11/02 (2013.01 - EP US); **B63G 8/40** (2013.01 - EP US); **B63G 2008/406** (2013.01 - EP)

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EP 0223127 A2 19870527; **EP 0223127 A3 19880120**; **EP 0223127 B1 19891018**; AU 593298 B2 19900208; AU 6458986 A 19870507; DE 3538960 A1 19870514; DE 3666402 D1 19891123; FI 863508 A0 19860829; FI 863508 A 19870503; NO 162412 B 19890918; NO 162412 C 19891227; NO 863314 D0 19860818; NO 863314 L 19870504; US 4951660 A 19900828

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