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(54) Title: SUBMERSIBLE AND RETRIEVABLE BUOY

(57) Abstract

Buoy (3) incorporates a release mechanism (5) that permits buoy (3) to be submersed and subsequently automatically released to ascend to the surface. Mechanism (5) includes cap (16) which hermetically seals a space (8) within which release unit (101) is located. Cap (16) is unitarily formed to include two jaws (28, 29) which are moveable relative to one another to release a pin (20). Movement of jaws (28, 29) is via release unit (101) acting to bias at least one jaw (28) away from the other jaw (29). Release unit (101) may be operated by a remotely transmitted signal, or initiated directly by a timer or a controller where specific circumstances dictate such a release (for example, the internal power source is near depletion). Buoy (3) can be attached to any submerged structure such as crab pot (7).

