

Title (en)  
Instantaneously inflatable lifesaving collar

Title (de)  
Schnell aufblasbares Rettungshalsband

Title (fr)  
Collier de sauvetage à gonflement instantané

Publication  
**EP 1491438 A1 20041229 (FR)**

Application  
**EP 04362005 A 20040622**

Priority  
FR 0307566 A 20030623

Abstract (en)  
The collar has a flange (1) made of semi rigid flexible material placed around a neck and maintained by a chain (3). The interior of the flange is maintained by a deformable membrane or hose (4) at an end (6). One end of the hose is connected to a gas cartouche (7) and another end (8) has an emptying valve (9). The flange presents a circular ovoid section or is endowed with grooves (11, 12) along the material.

IPC 1-7  
**B63C 9/15**

IPC 8 full level  
**B63C 9/15** (2006.01)

CPC (source: EP)  
**B63C 9/155** (2013.01); **B63C 2009/133** (2013.01)

Citation (applicant)  

- US 2937387 A 19600524 - BOYNTON JR HERBERT H
- GB 2068846 A 19810819 - SWITLIK PARACHUTE CO INC
- FR 2561201 A1 19850920 - HEYNDRICKX ROLAND [FR]

Citation (search report)  
[X] US 3414920 A 19681210 - BEATON JOSEPH R

Cited by  
CN110641652A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1491438 A1 20041229**; FR 2856377 A1 20041224; FR 2856377 B1 20051125

DOCDB simple family (application)  
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