

Title (en)
Inflatable bag with pressure compensation

Title (de)
Aufblasbarer Sack mit Druckausgleich

Title (fr)
Sac gonflable avec compensation de pression

Publication
EP 0849162 A3 19991229 (DE)

Application
EP 97121299 A 19971204

Priority
DE 19653817 A 19961221

Abstract (en)
[origin: EP0849162A2] The bag is made from a self-sealing material. Preferably the sack comprises a woven cloth (3), each fibre (5,6) in warp and weft directions having a sheath (7,8) of rubber. Up to a critical pressure, the fibres seal against one another, without pores. Above that pressure, pores (13) are formed between the fibres. The cloth may be single or multi-layer.

IPC 1-7
B63C 7/10

IPC 8 full level
B63C 7/10 (2006.01); **B63C 7/12** (2006.01); **D03D 1/02** (2006.01); **D03D 15/00** (2006.01)

CPC (source: EP)
B63C 7/10 (2013.01); **B63B 2231/44** (2013.01)

Citation (search report)
• [Y] FR 341919 A 19040823 - LUIGI CECCHI [IT]
• [Y] US 4538311 A 19850903 - HALL CHARLES P [US], et al
• [A] DE 52460 C
• [A] US 4350731 A 19820921 - SIRACUSANO ELIZABETH

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0849162 A2 19980624; EP 0849162 A3 19991229; EP 0849162 B1 20030319; DE 19653817 A1 19980625; DE 59709561 D1 20030424

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