

Title (en)
Pneumatic body

Title (de)
Pneumatischer Körper

Title (fr)
Corps pneumatique

Publication
EP 1752600 A1 20070214 (DE)

Application
EP 06016325 A 20060804

Priority
DE 102005037386 A 20050808

Abstract (en)
Pneumatic body comprises a progression formed by an outer contour of an inner molded profile. The shape and the volume expansion of the sleeve (1) of the body impinged with compressed air or gas is controlled by the contour of the inner molded profile. Preferred Features: The inner molded profile is made from a flat air-tight plate material, especially a composite material, with or without hollow chambers or bendable pressure stable plastic plates or hollow body elements. The inner molded profile has a frame construction made from aluminum, metal, wood or plastic composite material.

IPC 8 full level
E04H 15/20 (2006.01); **B63B 7/08** (2006.01); **E01D 15/20** (2006.01)

CPC (source: EP US)
B63B 7/082 (2013.01 - EP US); **B63B 32/51** (2020.02 - EP US); **E04H 15/20** (2013.01 - EP); **E04H 2015/203** (2013.01 - EP)

Citation (applicant)

- EP 1350906 A2 20031008 - MORRIS BENEDICT GEORGE [GB]
- FR 2741373 A1 19970523 - BACHMANN SA [FR]
- WO 0173245 A1 20011004 - PEDRETTI MAURO [CH]
- US 4265418 A 19810505 - EYMARD MICHEL
- FR 2802953 A1 20010629 - PRAT S A [FR]
- WO 03014486 A2 20030220 - FLABEG SOLARGLAS GMBH & CO KG [DE], et al

Citation (search report)

- [X] EP 1350906 A2 20031008 - MORRIS BENEDICT GEORGE [GB]
- [X] WO 03014486 A2 20030220 - FLABEG SOLARGLAS GMBH & CO KG [DE], et al
- [X] FR 2741373 A1 19970523 - BACHMANN SA [FR]
- [X] US 4265418 A 19810505 - EYMARD MICHEL
- [X] WO 0173245 A1 20011004 - PEDRETTI MAURO [CH]
- [X] US 3552072 A 19710105 - O'CONNELL JAMES P
- [X] FR 2802953 A1 20010629 - PRAT S A [FR]

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CN113430911A; US8820000B2; EP3599316A1; WO2014091234A1; WO2020108855A1; US10526047B2; USD913391S; US9598858B2; USD912752S; USD912751S; USD912750S; EP2643534B2

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