

Title (en)
PNEUMATIC SUPPORT

Title (de)
PNEUMATISCHER TRÄGER

Title (fr)
SUPPORT PNEUMATIQUE

Publication
EP 1656483 A1 20060517 (DE)

Application
EP 04738025 A 20040624

Priority
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Abstract (en)
[origin: WO2005007991A1] A pneumatic support (1) comprises a long hollow body (2), tapering towards the ends and two pressure/tension elements (5). The hollow body (2) is embodied by a sleeve of gas-tight, flexible, non-stretch material. Said sleeve can be formed from two layers, an external non-stretch, flexible sleeve and an inner gas-tight elastic bladder. The hollow body (2) can be pressurised with compressed gas by means of a valve (6). The both pressure/tension elements (5) lie along diametrically opposed surface lines of the hollow body (2) on the same and are partly or completely frictionally connected to the hollow body (2) along said surface lines. The ends of the pressure/tension elements (5) are frictionally connected to each other.

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