

Title (en)
PNEUMATIC SUPPORT

Title (de)
PNEUMATISCHER TRÄGER

Title (fr)
SUPPORT PNEUMATIQUE

Publication
EP 3625391 A1 20200325 (DE)

Application
EP 18720081 A 20180425

Priority
• CH 6462017 A 20170516
• CH 2018050012 W 20180425

Abstract (en)
[origin: WO2018209453A1] A pneumatic support having a body (112) which can be pneumatically pressurised and which, when under operating pressure, operationally holds a compression member (96, 128 to 131') which extends substantially over the length of the body and a tensile member (98, 138 to 141') which likewise extends substantially over the length (l) of the body at a distance from each other, wherein the compression member (96, 128 to 131') and the tensile member (98, 138 to 141') are connected to each other at the end in connection nodes (91), and wherein the body which can be pneumatically pressurised has pneumatic drop-stitch transverse fibre pressure panels (100, 165, 113 to 116).

IPC 8 full level
E01D 15/12 (2006.01); **E04C 3/00** (2006.01)

CPC (source: CH EP US)
E01D 15/122 (2013.01 - CH EP); **E01D 19/00** (2013.01 - CH); **E01D 19/125** (2013.01 - US); **E04C 3/005** (2013.01 - CH EP); **E04C 3/46** (2013.01 - EP); **E04H 15/20** (2013.01 - US); **E04C 3/005** (2013.01 - US); **E04C 3/46** (2013.01 - US); **E04H 2015/201** (2013.01 - EP US); **E04H 2015/204** (2013.01 - EP US)

Citation (search report)
See references of WO 2018209453A1

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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2018209453 A1 20181122; CH 713818 A1 20181130; EP 3625391 A1 20200325; EP 3625391 B1 20231011; EP 3625391 C0 20231011; JP 2020520423 A 20200709; JP 7002147 B2 20220120; US 11542672 B2 20230103; US 2020399842 A1 20201224

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CH 2018050012 W 20180425; CH 6462017 A 20170516; EP 18720081 A 20180425; JP 2019563458 A 20180425; US 201816613335 A 20180425