

Title (en)
ONE-PIECE WOVEN AIRBAG

Title (de)
ONE- PIECE -WOVEN AIRBAG

Title (fr)
COUSSIN DE SÉCURITÉ GONFLABLE TISSÉ D'UNE SEULE PIÈCE

Publication
EP 2697097 A1 20140219 (DE)

Application
EP 12712070 A 20120316

Priority
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Abstract (en)
[origin: CA2832745A1] The invention relates to an OPW airbag for motor vehicles, having two opposing fabric layers, which delimit at least one chamber that can be filled with gas, wherein the fabric layers are made of warp and weft threads with at least one spacer that is connected to the fabric layers and delimits the spacing of the fabric layers from one another in the inflated state. The spacer is formed by several of the warp and/or weft threads, so-called tethering threads (TF2, TF3, TF4, TF5), which, relative to the inflated state, leave the area formed by the associated fabric layer and extend in the direction of the opposing fabric layer and are connected to warp and/or weft threads of the opposing fabric layer. When warp tethering threads enter the opposing fabric layer, said warp tethering threads each initially link with n weft threads and then float over at least n + 1 weft threads in the interior of the chamber, and when weft tethering threads enter the opposing fabric layer, said weft tethering threads initially link with n warp threads and then float over at least n + 1 warp threads in the interior of the chamber.

IPC 8 full level
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