

Title (en)
Inflatable gas bag having auxiliary gas pockets

Title (de)
Aufblasbare Verpackungstasche mit mehreren Gastaschen

Title (fr)
Sac gonflable avec plusieurs poches de gaz

Publication
EP 1826142 A1 20070829 (EN)

Application
EP 06015613 A 20060726

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Abstract (en)
An inflatable gas bag having auxiliary gas pockets is composed of a plurality of gas pocket units, each of gas pocket units includes a main gas pocket of bigger width and a plurality of auxiliary gas pockets of smaller width. A welding line is located between a main gas pocket and an auxiliary gas pocket, and between two auxiliary gas pockets. The conduits are arranged on said welding lines in a predetermined distance, through which gas in the main gas pocket and a plurality of auxiliary gas pockets can be transferred. The gas pocket units are isolated such that gas can not be transferred between each other. In case any main or auxiliary gas pockets are broken, gas could still be contained in other gas pockets. The present invention provides a plurality of auxiliary gas pockets to absorb the pressurized gas from main gas pocket during impact and therefore be able to protect articles from exterior impact more effectively.

IPC 8 full level
B65D 81/05 (2006.01)

CPC (source: EP)
B65D 81/02 (2013.01)

Citation (search report)
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• [A] US 2003094394 A1 20030522 - ANDERSON KEVIN W [US], et al

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CN106628624A

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