

Title (en)
Hammock-type vibration-absorbing air sheath

Title (de)
Schwingungsdämpfende Hammock-Lufthülle

Title (fr)
Gaine d'air absorbant les vibrations de type hamac

Publication
EP 2078684 A1 20090715 (EN)

Application
EP 08100448 A 20080114

Priority
EP 08100448 A 20080114

Abstract (en)
A hammock-type vibration-absorbing air sheath includes a first buffering wall (21) having at least one first node (21b), and a second buffering wall (22) having at least one second node (22b). The first buffering wall is bent along the first node, and the second buffering wall is bent along the second node. At least one first heat-sealed edge (21a) of the first buffering wall is connected to at least one second heat-sealed edge (22a) of the second buffering wall by heat sealing means. Thus, a receiving space (6) is formed between the first buffering wall and the second buffering wall, while a buffering sheet (5) is suspended within the receiving space for receiving an article. The buffering sheet is used to absorb vibrations of the article, while the first buffering wall and the second buffering wall are used to protect the article.

IPC 8 full level
B65D 81/03 (2006.01); **B65D 81/05** (2006.01)

CPC (source: EP)
B65D 81/03 (2013.01); **B65D 81/052** (2013.01)

Citation (applicant)

- US 4850912 A 19890725 - KOYANAGI TOSHIMICHI [JP]
- US 5261466 A 19931116 - KOYANAGI SHINGO [JP]
- JP H0595851 U 19931227

Citation (search report)

- [X] EP 1439132 A1 20040721 - MENTEC KANZAI INC [JP], et al
- [X] US 2007051655 A1 20070308 - YOSHIFUSA KARK K [US]
- [X] US 2005006271 A1 20050113 - NAKAGAWA NORIYUKI [JP]
- [X] EP 1364888 A1 20031126 - NETPACK S P A [IT]
- [X] JP 2005001754 A 20050106 - MAINTTECH KANZAI KK, et al
- [A] DE 9303185 U1 19930422

Cited by
CN103964069A; CN104743262A; JP2016188098A; WO2016078579A1

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DE FR GB IT

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