

Title (en)  
Packaging system and method.

Title (de)  
Verpackungssystem und Verfahren.

Title (fr)  
Système d'emballage et méthode.

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Application  
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Abstract (en)  
A packaging system includes an outer bag (21) having an inner bag (23) suspended therein to define an inflatable chamber (22) substantially surrounding the inner bag (23). When the chamber is charged with a filler medium, such as pressurized air, the outer bag (21) will inflate to suspend the inner bag (23) at a fixed position therein. The inner bag (23) defines a pocket (24) adapted to receive and retain an article A, pre-packaged therein. In one embodiment of this invention (Figures 1-10), the overlying panels (25-28) forming the bags are completely sealed together about their peripheral edges after the article is inserted into the pocket (24). In another embodiment (Figures 11-14), the frontal side of the packaging system remains open to permit insertion of the article into the pocket (24) whereafter the inflatable chamber (22) of the packaging system is pressurized to compress superimposed panels (27, 28) of the inner bag (23) against the article A to retain it within the pocket (24).

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Citation (search report)  
• [X] US 4465188 A 19840814 - SOROKA WALTER G [CA], et al  
• [X] FR 1603215 A 19710322  
• [X] US 3340669 A 19670912 - KENNETH FARQUHARSON JAMES  
• [X] US 4155453 A 19790522 - ONO DAN D [US]  
• [X] FR 2418171 A1 19790921 - FIELD ANDREW [US]  
• [X] US 4190158 A 19800226 - AMBROSE CHARLES J [US]  
• [X] US 3038593 A 19620612 - ROOT ANDREW A, et al  
• [X] US 3138248 A 19640623 - ABBOTT FRANK T  
• [A] US 3667625 A 19720606 - LUCAS GEORGE A  
• [A] US 2325921 A 19430803 - SALFLSBERG LEROY L  
• [A] FR 1534304 A 19680726 - GUENTHER VOYE PTY LTD  
• [A] CH 548311 B  
• [A] US 4597244 A 19860701 - PHARO DANIEL A [US]

Cited by  
EP1787912A1; ITFI20120171A1; FR2811646A1; CN109747975A; EP1826141A1; AT1666U1; CN106915518A; AT406667B; GB2510377A; GB2510377B; CN101811598A; CN118456970A; FR2680764A1; CN110177519A; EP4042965A1; US5129519A; GB2475720A; GB2475770A; GB2475770B; US11498742B2; US7644821B2; US7909165B2; US9802745B2; WO9523742A1; WO2018064133A1; WO2014070527A1; US10131457B2; US8661772B2; US7757893B2; US11691797B2; WO2015150719A1; US10321967B2; US10973602B2; USRE41273E; US8707660B2; WO2004035406A1; WO9009320A3; US6481889B2; US9623622B2; US10220590B2; US10239643B2; US10836518B2

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