

Title (en)  
Carton for granular materials

Title (de)  
Faltschachtel für körniges Material, Zuschnitt und Verfahren zu ihrer Herstellung

Title (fr)  
Carton pour des matériaux granulaires, flan et son procédé de fabrication

Publication  
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Application  
**EP 97202128 A 19970710**

Priority  
EP 97202128 A 19970710

Abstract (en)  
A carton, a blank and a process for forming the carton. The carton comprises bottom (3), front (4) and back (5) panels associated with left and right side flaps (7-9,7'-9'). An inner top panel (2) having side flaps (10,10') and an outer top panel (1) are together forming a double walled top side. The side flaps (10,10') of the inner top panel (2) are arranged inside at least one of the other left and right side flaps (7-9,7'-9') respectively, so as to render the carton sift-proof. A hinged lid with tear open means and a reclosable snap lock may be formed in the top side. <IMAGE>

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**B65D 5/02**

IPC 8 full level  
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Citation (search report)  
• [XY] US 4049190 A 19770920 - O'NEILL JAMES L  
• [XY] US 2442079 A 19480525 - DUNNING ROBERT M  
• [YA] US 4141449 A 19790227 - STONE ORISON W  
• [Y] WO 9532125 A1 19951130 - UNILEVER PLC [GB], et al  
• [Y] US 5074462 A 19911224 - COUNTTEE JR JOSEPH [US]  
• [Y] US 2835594 A 19580520 - FELT CLARENCE E, et al  
• [A] GB 950989 A 19640304 - MERCK & CO INC  
• [A] US 3591071 A 19710706 - ROSENBERG CHARLES W JR

Cited by  
IT201700091368A1; WO03031272A1; WO2019030663A1; WO9946171A1; WO0211516A1; WO9935038A1

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