

Title (en)
Handle structure and blank

Title (de)
Verstärktem Handgriff und Zuschnitt

Title (fr)
Poignée renforcée et flan

Publication
EP 1518792 B1 20110518 (EN)

Application
EP 04020606 A 20000615

Priority
• EP 00941454 A 20000615
• US 33650299 A 19990618
• US 38242899 A 19990824
• US 56823100 A 20000505

Abstract (en)
[origin: WO0078618A1] A handle structure for a carton (10) is formed within a panel (20) having opposing side edges and opposing end edges that intersect to form corners of the handle panel (20), the handle structure. A strap member (46, 44) is integrally conjoined with the handle panel (20) and extends between the end edges. Opposing strap edges are substantially disjoined from the handle panel (20). The strap member (44, 46) includes a substantially centrally disposed region wherein opposing central strap edge segments of the opposing strap edges are substantially parallel to and mediate the opposing side edges. A severance line (57) segment is disposed proximate each of the corners of the handle panel extending from a first end point proximate the centrally disposed region of the strap member (46, 44) such that when a force (F) that is substantially normal to a plane in which the handle panel lies is exerted upon the centrally disposed region, the strap member is flexed substantially outwardly of the plane from a biased position proximate the plane.

IPC 8 full level
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CPC (source: EP)
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US10384846B2; USD881690S; USD898565S; US11142365B2; US9845182B2; US10233000B2; US10556730B2; USD885887S; US10202228B2; USD887831S; USD887832S; US11325764B2

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