

Title (en)

Coated waterproof carton with gusset panels

Title (de)

Beschichteter wasserdichter Karton mit Verbindungsflächen

Title (fr)

Carton avec un revêtement étanche et des soufflets

Publication

**EP 1234774 A1 20020828 (EN)**

Application

**EP 02002531 A 20020204**

Priority

GB 0104354 A 20010222

Abstract (en)

A carton blank, a method for erecting a carton blank and a carton resulting from such erection is disclosed. The blank (2) has a base panel (4) and four side panels (6,8,10,12) forming side walls, each foldingly joined along each side of the base. Each adjacent pair of side walls is provided with a gusset (14,16,18,20) which is divided into two portion by a medial fold line. In accordance with the invention, the shape of the gusset portions on either side of the medial fold line is different so that during erection when the gusset panel portions are automatically folded into coplanar relationship, one portion remains exposed and is permitted to come into contact with the inner or outer surface of the side wall. One surface of the blank is provided with a polymer coating which melts on heating so that the carton erection can be completed by simply applying heat and pressure in the region of the gusset portion which is in contact with the side wall thereby securing one to the other through the adhesive action of the polymer on cooling. In this manner, the requirement for a separate adhesive application step during the manufacture of the carton is avoided. <IMAGE>

IPC 1-7

**B65D 5/24**; **B65D 5/56**; **B65D 5/42**

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

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