

Title (en)

Bags with plastic fasteners and method of manufacturing the same

Title (de)

Beutel mit Verschluss aus Kunststoff und Verfahren zu dessen Herstellung

Title (fr)

Sacs avec fermeture en matière plastique et procédé de fabrication de celle-ci

Publication

EP 0834454 B1 20000209 (EN)

Application

EP 97303769 A 19970603

Priority

EP 97303769 A 19970603

Abstract (en)

[origin: EP0834454A1] A bag provided with a snap-fit type synthetic resin fastener and formed by bonding a pair of side gussets to the lateral sides of the bag allows to fully utilize a wide opening, provides a large capacity and, at the same time, the upper edges of the side gussets do not interfere with any attempt to fill the bag or take out the contents therefrom smoothly. There is also provided a method of manufacturing a bag as defined above with a reduced number of components that is less cumbersome and less costly but highly efficient. A bag (1) according to the invention is characterized in that front and rear film members (1a and 1b) have respective thermoadhesive inner layers and a pair of side gussets (4,4) have respective inner layers thermally adhesive relative to the inner layers of the film members (1a and 1b) and are folded with the outer surface facing inside to show a V-shaped cross section, the upper edges (4b, 4b) of said side gussets (4,4) being bonded to the inner surface of either one of the front and rear film members (1a and 1b) by means of one of a pair of sealing tapes (8,8) provided respectively with a female profile (3a) and a male profile (3b) of the snap-fit type fastener (3) and having thermoadhesiveness relative to the inner layers of said film members (1a and 1b) and the those of the side gussets (4,4). <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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Cited by

EP1754596A1; FR2816597A1; EP0812776A3; EP0995695A1; US7144159B2; EP2284091A1; DE102005026149B4; EP1795335A3; AU2003204042B2; EP1360912A3; US2021394965A1; US11827418B2; US7597657B2; US6461043B1; US7192191B2; EP1795335A2; WO0189946A3; US7223017B2; WO0236449A2; WO2008048640A2; US8137254B2; US8182407B2; US9315299B2; WO2005063588A1; WO0236449A3; WO2023189770A1; US8104961B2; EP0792634A2; EP2114783A1; EP2032454A1

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