

Title (en)

PLASTIC BAG FOR PULVERULENT OR GRANULAR MATERIAL, AND METHOD OF MANUFACTURING AND CLOSING SUCH A BAG

Publication

EP 0099563 A3 19850306 (DE)

Application

EP 83106989 A 19830716

Priority

- DE 3226739 A 19820716
- DE 3229532 A 19820807

Abstract (en)

[origin: EP0099563A2] The bag consists of a plastic film tube which is closed at both ends by a transverse welded seam and has a slot, serving as filling opening, in the front wall near to one transverse welded seam. The bag is closed by welding a film covering sheet over the slot. In order to prevent the slot tearing when it is being filled using a filling nozzle and to retain a satisfactory welding without impairing the rear wall, before the bag is filled a slotted strip serving as a heat block and reinforcement is welded onto the front wall, the slot of which is congruent with the slot in the front wall. When the covering sheet is subsequently welded on between welding jaws clamping the covering sheet, the front wall and the rear wall, this heat block prevents the rear wall from being welded to the front wall or weakened by displacement of softened film material. Additionally, the front wall, which is greatly stressed in the region of the slot, is stiffened and reinforced by the welded-on strip, which has an advantageous effect both for cleaning and handling when opening, filling and closing the bag. <IMAGE>

IPC 1-7

B65D 30/24

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [Y] FR 2357423 A1 19780203 - WINDMOELLER & HOELSCHER [DE]
- [Y] US 1958597 A 19340515 - SWEENEY EUGENE W

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