

Title (en)

Pourer for particulate material.

Title (de)

Ausgiesser für pulverförmiges Material.

Title (fr)

Bec verseur pour matériau pulvérulent.

Publication

EP 0410069 A1 19910130 (EN)

Application

EP 90101017 A 19900118

Priority

US 38506989 A 19890726

Abstract (en)

A pourer (10) for particulate material, such as soap powder includes a generally horizontal guide wall (12) and a generally vertical stop wall (16). A conduit (18) having a pointed piercing end (22) and sharp edged side walls is mounted to the stop wall (16) for being inserted in a carton by piercing the conduit into the carton with the guide wall (12) resting on the outer top surface (42) of the carton. The piercing action continues until the stop wall (16) contacts the vertical side wall (44) of the carton. The piercing end of the conduit is located remote from the guide wall. A spout (20) is connected outwardly of the stop wall (16) to assist in pouring the contents of the carton. Holes (26) are located in the conduit within the carton so as to facilitate flow of the contents to the spout (20). Projections (30) squeeze into the flap (46) of opened side wall (44) and assure that flap (46) remains against top wall (42) so that it does not impede flow from the carton.

IPC 1-7

B65D 5/74; **B67B 7/86**

IPC 8 full level

B67B 7/86 (2006.01); **B65D 5/74** (2006.01)

CPC (source: EP)

B65D 5/748 (2013.01); **B67B 7/26** (2013.01)

Citation (search report)

- [Y] WO 8607584 A1 19861231 - WILDING PAUL THOMAS
- [Y] US 2510530 A 19500606 - TELSCHOW WILLIAM F
- [Y] EP 0208413 A2 19870114 - OWENS ILLINOIS INC [US]
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GB2416343A; US6003715A

Designated contracting state (EPC)

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EP 0410069 A1 19910130; JP H0369494 A 19910325; PT 92849 A 19910913

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