

Title (en)
Flexible container for bulk products

Title (de)
Flexibler Schüttgüter Behälter

Title (fr)
Conteneur flexible pour matériaux en vrac

Publication
EP 1304301 A1 20030423 (EN)

Application
EP 02079189 A 20021010

Priority
BE 200100664 A 20011015

Abstract (en)

Flexible container for bulk products, consisting of a bag (1) made of an electrically conductive tissue, formed of non-conductive threads or non-conductive strips (3) on the one hand, and of conductive strips (4) made of a polyolefin comprising an electrically conductive material, incorporated in the tissue in the weft as well as in the warp on the other hand, whereby this bag (2) comprises a number of pieces (5,6,8) of tissue which are sewn together by means of thread, as well as fastening means fixed to the top part of the bag (1), characterised in that the conductive strips (4) made of a polyolefin comprising a conductive material are multi-layered strips. <IMAGE>

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B65D 88/16; D03D 15/00

IPC 8 full level
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CPC (source: EP)
B65D 88/165 (2013.01); **D03D 15/533** (2021.01); **B65D 2213/02** (2013.01); **B65D 2588/165** (2013.01)

Citation (applicant)

- EP 0413886 A1 19910227 - EUREA VERPACKUNG [DE]
- DE 4211711 A1 19930107 - EMPAC VERPACKUNGS GMBH [DE]

Citation (search report)

- [XY] DE 9417151 U1 19951214 - AMOCO CORP [US]
- [Y] US 5458419 A 19951017 - TREpte PETER [DE], et al
- [YA] US 4457456 A 19840703 - DERBY NORWIN C [US], et al
- [A] US 5244281 A 19930914 - WILLIAMSON ROBERT R [US], et al
- [A] US 6112772 A 20000905 - EBADAT VAHID [US], et al
- [A] CA 1143673 A 19830329 - OSBORN BRYAN M
- [A] "STATISCH LEITFAEHIGE SCHUETTGUTBEHAELTER", FORDERN UND HEBEN, KRAUSSKOPF VERLAG FUR WIRTSCHAFT. MAINZ, DE, VOL. 41, NR. 9, PAGE(S) 720, ISSN: 0341-2636, XP000231269

Cited by
EP1805085A4; EP2921428A1; EP3360823A1; US11247408B2; WO2017197426A1

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