

Title (en)  
A flexible bag for containing bulk material

Title (de)  
Flexibler Schüttgutbehälter

Title (fr)  
Conteneur souple pour matières en vrac

Publication  
**EP 1510474 A1 20050302 (EN)**

Application  
**EP 03388057 A 20030827**

Priority  
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Abstract (en)  
A flexible bag (10) for containing bulk material including granulate material such as rice, pasta, vegetables or the like, ready for use comprises a bottom foil having the outer dimensions of a pallet or stillage and defining outer edges to be positioned extending substantially parallel with the edges of the pallet or stillage, and four side wall foils connected to the outer edges of the bottom foil and extending upwardly from the bottom foil for defining a box-shaped bag in which the vertical edges of each of the side wall foils are connected to the vertical edge of the adjacent side wall foil. An inner space is defined above the bottom foil and between the side wall foils within the box-shaped bag. The bag also comprises a top foil part having a sealable closure (22), the top foil part being connected to the upper edges of the four side wall foils for closing off the box-shaped bag, the sealable closure allowing the introduction of the granulate material into the inner space before sealing the closure. The bottom foil, the four side wall foils and the top foil part are made from thin plastics foil material and together constituting a self-shape maintaining or self-supporting bag structure when filled with the bulk material. <IMAGE>

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**B65D 88/16**; **B65B 69/00**

IPC 8 full level  
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Citation (applicant)  
• US 97962003 A  
• US 81032003 A  
• US 78262001 A 20010213  
• US 4944604 A 19900731 - MYKLEBUST EIRIK [NO], et al  
• US 5564833 A 19961015 - PROFFITT ROBERT [GB]  
• US 6564534 B2 20030520 - POULTON BARRIE ARMSTRONG [GB], et al  
• US 6431435 B1 20020813 - JONES ROBERT J [US], et al  
• US 6062732 A 20000516 - SCOTT RAY [US]  
• US 5558137 A 19960924 - FUTERMAN CHARLES S [GB]  
• US 4991979 A 19910212 - STRAND OLAF [NO], et al  
• US 5192133 A 19930309 - JUEL ANDERS [US], et al  
• US 6540085 B1 20030401 - DAVIES HEATHER J [GB]  
• US 6048296 A 20000411 - FUTERMAN CHARLES SIDNEY [GB]  
• EP 0635439 A1 19950125 - MULOX IBC LTD [GB]  
• WO 9413559 A1 19940623 - EUREA VERPACKUNG [DE], et al  
• US 5934807 A 19990810 - FUTERMAN CHARLES [GB]  
• US 5092683 A 19920303 - WURR EGON [DE]  
• US 6572942 B2 20030603 - WURR EGON [DE], et al  
• US 5071025 A 19911210 - BOOTS GERARDUS A M [NL]  
• WO 9801370 A1 19980115 - GYURCSANSZKY LASZLO [HU]  
• US 4480766 A 19841106 - PLATT NIGEL D [GB]

Citation (search report)  
• [XA] US 2003056473 A1 20030327 - MATIAS CARLOS J D [PT]  
• [A] US 6318594 B1 20011120 - HUTCHINS BURLEIGH M [US]  
• [A] GB 2039842 A 19800820 - FAIRBAIRN LAWSON PACKAGING LTD  
• [A] GB 2078676 A 19820113 - KARPISEK LADISLAV STEPHAN  
• [X] EP 0598166 A1 19940525 - CIBA GEIGY AG [CH]

Cited by  
CN108528888A; US9586725B2; WO2015143313A1

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