

Title (en)

Flexible bulk bag with indicators to determine material damages from UV-radiation

Title (de)

Flexibler Schüttgutbehälter mit Indikatoren zum Nachweis von Materialschädigungen durch UV-Strahlen

Title (fr)

conteneur souple avec des indicateurs pour déterminer les dégâts de matériaux par les rayonnements UV

Publication

EP 0876969 A3 19991222 (DE)

Application

EP 98106522 A 19980409

Priority

DE 19715230 A 19970412

Abstract (en)

[origin: EP0876969A2] The flexible bulk material container is made of plastics in the form of woven, high-strength textile fibres or bands. In the new construction, these form two or more layers of the same or differing plastics. One layer includes ultraviolet stabilisation. This allows photochemical decomposition of the layer as a function of a given irradiation energy, received over an interval. By the end of the appointed time, decomposition has occurred, leaving the layer with less than the original strength. Preferably the plastics is low density polyethylene, high density polyethylene, linear low density polyethylene, polypropylene, polyamide, polyester, ethylene vinyl acetate ethylene vinyl alcohol copolymers, polystyrene, ionomers or combinations.

IPC 1-7

B65D 88/16

IPC 8 full level

B65D 88/16 (2006.01)

CPC (source: EP)

B65D 88/1612 (2013.01)

Citation (search report)

- [A] EP 0498523 A2 19920812 - EXXON CHEMICAL PATENTS INC [US]
- [A] GB 1581437 A 19801217 - LOLIFT UK LTD
- [A] FR 2522310 A1 19830902 - EST PAPETERIE [FR]
- [DA] WO 9413559 A1 19940623 - EUREA VERPACKUNG [DE], et al

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PT106991A; EP1666377A3; WO2019214057A1; WO2024165579A1

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