

Title (en)
FLEXIBLE INTERMEDIATE BULK CONTAINER FOR THE TRANSPORT AND STORAGE OF BULK GOODS

Title (de)
FLEXIBLER SCHÜTTGUTBEHÄLTER ZUM TRANSPORT UND ZUR LAGERUNG VON SCHÜTTGÜTERN

Title (fr)
CONTENEUR INTERMÉDIAIRE SOUPLE POUR LE TRANSPORT ET LE STOCKAGE DE MARCHANDISES EN VRAC

Publication
EP 4357271 A1 20240424 (EN)

Application
EP 22216658 A 20221223

Priority
EP 22202321 A 20221018

Abstract (en)
There is described a flexible intermediate bulk container (100), or "FIBC", for the transport and storage of bulk goods comprising at least a bottom part (10) and a sidewall (15) made of pieces of flexible fabric material. The sidewall (15) includes a woven fabric (20) comprising woven strands produced out of recycled polypropylene (rPP). An exterior side (15A) of the sidewall (15) comprises a laminated film (21) of biaxially oriented polypropylene (BOPP) or of cast polypropylene (CPP) that is laminated onto an outer side of the woven fabric (20), which laminated film (21) is provided with an opacifying layer (21A), especially a printable or printed layer (21A) that can be printed with motifs. Preferably, the bottom part (10) likewise includes a woven fabric (20) comprising woven strands produced out of recycled polypropylene (rPP). Even more preferably, an interior side (15B) of the sidewall (15) and an interior side (10A) of the bottom part (10) each comprise a further laminated film (25) of biaxially oriented polypropylene (BOPP) or of cast polypropylene (CPP) that is laminated onto an inner side of the woven fabric (20), which further laminated film (25) may especially be a foodgrade film.

IPC 8 full level
B65D 88/16 (2006.01)

CPC (source: EP)
B65D 88/1618 (2013.01); **B65D 88/1687** (2013.01)

Citation (applicant)

- WO 9854070 A1 19981203 - CODEFINE SA [CH], et al
- US 10112769 B2 20181030 - BASHIR ZAHIR [SA], et al
- WO 2015121042 A1 20150820 - SAUDI BASIC IND CORP [SA], et al
- WO 2022123445 A1 20220616 - CODEFINE INT SA [CH]

Citation (search report)

- [I] US 2015183194 A1 20150702 - LEHMANN WOLFGANG [DE], et al
- [I] JP 3238659 U 20220810
- [A] CN 106480527 A 20170308 - KUNMING XIANZHI PLASTICS CO LTD, et al
- [A] WO 2020068053 A1 20200402 - BEMIS CO INC [US]
- [A] EP 4008651 A1 20220608 - CODEFINE INT SA [CH]

Designated contracting state (EPC)
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