

Title (en)
Single-lobe filter bag for infusion products.

Title (de)
Einzelkammerfilterbeutel für aufbrühbare Produkte

Title (fr)
Sac filtrant à un seul lobe pour produits d'infusion

Publication
EP 2522597 A1 20121114 (EN)

Application
EP 12179351 A 20070611

Priority
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• EP 07766534 A 20070611
• IB 2007001562 W 20070611

Abstract (en)
A single-lobe filter bag for infusion products comprises a length (2) of filter material forming a chamber (3) containing a charge (4) of the infusion product. The length (2) comprises: a first closed top end (5) formed by a first join (S1) between two first end edges of the length (2); a second closed bottom end (7) and two sides (8, 9) connecting the two ends (5, 7) of the length (2); the two sides (8, 9) connecting the first and second edges (5, 7) are at least partly folded onto each other to form a fold towards the inside of the chamber (3) and the second bottom end (7) of the filter bag (1) is closed by a second join (S2) designed to form a rigid flat bottom surface (11) of the filter bag (1) such as to define a stable base, with a substantially triangular cross section, for supporting the filter bag (1).

IPC 8 full level
B65D 85/808 (2006.01); **B65D 85/812** (2006.01)

CPC (source: EP US)
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Citation (search report)
• [XY] BE 517130 A 19530214
• [Y] EP 0448325 A1 19910925 - UNILEVER PLC [GB], et al
• [YA] WO 0240263 A1 20020523 - TECNEA ENGINEERING S R L [IT], et al
• [Y] US 5797243 A 19980825 - TAGLIAFERRI ROBERTO [IT], et al
• [YA] US 2003113412 A1 20030619 - HAUERS MANFRED [DE], et al
• [A] EP 0691268 A1 19960110 - TECNOMECCANICA SRL [IT]

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DOCDB simple family (publication)
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