

Title (en)

Filling machine for filling open, sealable bags with lateral folds

Title (de)

Füllmaschine zum Füllen von offenen, schweißfähigen Seitenfaltensäcken

Title (fr)

Machine de remplissage destinée à remplir des sacs à plis latéraux ouverts et aptes au soudage

Publication

EP 1857369 A3 20080305 (DE)

Application

EP 07107625 A 20070507

Priority

DE 102006022298 A 20060511

Abstract (en)

[origin: EP1857369A2] The machine has a side gusseted sack (1) provided with corner welding seams (2, 3) in corner areas and with a filling tube, and a welding machine is provided for attaching the welding seams downstream to the filling tube. Spreading and aligning flanges are arranged in pairs and determine the side gusseted sack in side gusseted areas. The flanges are arranged at guide bars such that the flanges are movable along arc-shaped paths, so that areas of the flanges are turned upwards and outwards in the arc-shaped paths. An independent claim is also included for a method for spreading a sack with a filling machine.

IPC 8 full level

B65B 43/46 (2006.01); **B65B 43/30** (2006.01); **B65B 43/54** (2006.01)

CPC (source: EP)

B65B 43/30 (2013.01); **B65B 43/465** (2013.01); **B65B 43/54** (2013.01)

Citation (search report)

- [X] US 2004060266 A1 20040401 - GATES CHRISTOPHER G [US]
- [A] WO 9601208 A1 19960118 - BATES EMBALLAGE AS [DK], et al
- [A] US 5452559 A 19950926 - LIPES ARNOLD [CA]

Cited by

CN109278359A; WO2021228837A1; EP2447166B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1857369 A2 20071121; **EP 1857369 A3 20080305**; **EP 1857369 B1 20120125**; AT E542747 T1 20120215; ES 2381502 T3 20120528

DOCDB simple family (application)

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