Title (en)
Process and device for the handling of flexible bags

Title (de)
Verfahren und Vorrichtung zur Behandlung flexibler Beutel

Title (fr)
Procédé et dispositif de manipulation de sachets flexibles

Publication
EP 0908386 B1 20040512 (DE)

Application
EP 98117485 A 19980915

Priority
DE 19744899 A 19971010

Abstract (en)
[origin: EP0908386A1] The system has each bag (5) held between two grips (1,3) and moved under the filling positions and finally held for sealing. The relative spacing of each pair of grips is adjusted to open and close the top of each bag, which is held in a pendant position by the grips. Each grip comprises a pair of gripping jaws spring loaded into the closed position. The position and displacement of the grips is controlled by cams as they are moved through the system.

IPC 1-7
B65B 43/46

IPC 8 full level
B65B 43/46 (2006.01); B65B 43/54 (2006.01)

CPC (source: EP KR US)
B65B 43/465 (2013.01 - EP KR US)

Citation (examination)
- US 3478489 A 19691118 - MEISNER PAUL
- US 4790123 A 19881213 - LJUNGSTROEM TOMMY [SE], et al

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CN103998343A; EP1598274A1; EP0999137A3; EP1832517A1; DE102005018699A1; EP2113462A1; US8234841B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0908386 A1 19990414; EP 0908386 B1 20040512; AT E266570 T1 20040515; BG 102829 A 19990430; BR 9804375 A 20000104; CA 2249628 A1 19990410; CA 2249628 C 20030819; CN 1069594 C 20010815; CN 1215015 A 19990428; CZ 295538 B6 20050817; CZ 323098 A3 20000712; DE 19744899 A1 19990415; DE 59811375 D1 20040617; DK 0908386 T3 20040628; ES 2219818 T3 20041201; HK 1020329 A1 20000414; HR P980544 A2 19990831; HU 9802280 D0 19981228; HU P9802280 A2 19990728; HU P9802280 A3 20040728; ID 21070 A 19990415; JP 3295043 B2 20020624; JP H11189217 A 19990713; KR 100289616 B1 20010906; KR 19990037003 A 19990525; PL 198203 B1 20080630; PL 329088 A1 19990412; PT 908386 E 20040930; SA 98190933 B1 20060814; SI 0908386 T1 20040831; SK 139298 A3 19990507; TR 199802011 A2 19990621; TR 199802011 A3 19990621; TW 490424 B 20020611; US 6073424 A 20000613; YU 44098 A 19991227; ZA 988891 B 19990330

DOCDB simple family (application)
EP 98117485 A 19980915; AT 98117485 T 19980915; BG 10282998 A 19981009; BR 9804375 A 19981009; CA 2249628 A 19981005; CN 98121307 A 19981009; CZ 323098 A 19981007; DE 19744899 A 19971010; DE 59811375 T 19980915; DK 98117485 T 19980915; ES 98117485 T 19980915; HK 99104795 A 19991027; HR 980544 A 19981008; HU P9802280 A 19981009; ID 981342 A 19981009; JP 28947398 A 19981012; KR 19980042372 A 19981010; PL 32908898 A 19981008; PT 98117485 T 19980915; SA 98190933 A 19981227; SI 9830648 T 19980915; SK 139298 A 19981007; TR 9802011 A 19981008; TW 87116817 A 19981009; US 16204898 A 19980928; YU 44098 A 19981008; ZA 988891 A 19980929