

Title (en)
Vacuum packaging machine

Title (de)
Vakuumverpackungsmaschine

Title (fr)
Machine d'emballage sous vide

Publication
EP 1433706 A1 20040630 (EN)

Application
EP 03466014 A 20030904

Priority
CZ 20024242 A 20021223

Abstract (en)
A vacuum packing machine provided with two circular conveyors situated in parallel planes above each other and spaced from each other wherein the lower conveyor (1) is longer than the upper one and carries means for receiving packing opened upwardly and spaced at regular intervals from each other, while the upper conveyor (2) is shorter in length and both conveyors (1,2) have sectors identical as to their geometry and character of their motion, whereby the upper conveyor (2) carries individual vacuum devices spaced at regular intervals from each other, which intervals are the same as the intervals between the means for receiving of the packing and a rotary distributor of a vacuum system, and the machine is also provided with a packing bag welding unit where the essential features of the machine are that the means for receiving of the packing consist of exchangeable forming pockets (3), the vacuum device includes vacuum heads (6) connected to a rotary distributor of the vacuum system consisting of an exchangeable revolving distribution head (7) and the welding unit comprises a welding station (5) located at the end portion of the track of a common geometric motion of both conveyors (1,2). <IMAGE>

IPC 1-7
B65B 31/04; **B65B 31/06**

IPC 8 full level
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B65B 31/042 (2013.01); **B65B 31/046** (2013.01); **B65B 43/52** (2013.01); **B65B 7/06** (2013.01)

Citation (search report)
• [X] GB 764796 A 19570102 - HESSER AG MASCHF
• [A] US 4845927 A 19890711 - RAPPARINI GINO [IT]
• [A] US 2820489 A 19580121 - DAY CARL L, et al
• [A] US 5347788 A 19940920 - PETZ GEORG [DE], et al
• [A] GB 2028288 A 19800305 - GUINNESS SON & CO LTD A
• [AD] CZ 279055 B6 19941215 - ICA SPA [IT]
• [AD] EP 0761544 A1 19970312 - GOGLIO SPA LUIGI MILANO [IT]

Cited by
CN108715247A; US8561779B2; EP3339194A1; IT201600129946A1; CN109178379A; WO2009077250A1; WO2007110261A1

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