Title (en)
  PACKAGING MACHINE

Publication
  EP 0275346 B1 19920408 (DE)

Application
  EP 87106328 A 19870505

Priority
  IT 332687 A 19870121

Abstract (en)
  [origin: EP0275346A1] A machine for packaging in a vacuum or in a controlled atmosphere has bells (1-24) and covers (I-X) that are continuously
  fixed to two separate annular conveyors (25, 26) that move on two separate horizontal superimposed planes. The lower conveyor is longer and is
  provided with a plurality of equally-spaced bells, the fixing plane being turned upwards, whereas the upper conveyor is shorter and provided with
  fewer equally-spaced covers, having the same spacing as the bells, with their fixing plane turned downwards. Both conveyors cross at least one
  geometrically identical section, in which in a stationary state of kinematic equality a perfect matching by superimposition of the fixing plane of each
  cover and of the fixing plane of the corresponding bell is achieved. Upstream and downstream of the section in which there is a state of kinematic
  equality between both conveyors, the bells are always open at their tops, in order to allow technological preparation and finishing processes to be
  carried out in each bag that constantly remains in the said bell.

IPC 1-7
  B65B 31/02

IPC 8 full level
  B65B 31/02 (2006.01); **B65B 31/00** (2006.01)

CPC (source: EP)
  B65B 31/022 (2013.01)

Cited by
  DE3901853A1; US5001886A; US10493930B2; US9676351B2; US9183983B2; US9561761B2; US9533636B2; US9511728B2; US9561867B2;
  US9413162B2; US9561760B2

Designated contracting state (EPC)
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  AU 7511687 A 19880810; BG 49821 A3 19920214; BR 8707636 A 19891031; CA 1291021 C 19911022; CN 1015975 B 19920325;
  CN 87104757 A 19880803; CS 8800363 A2 19911015; CZ 279055 B6 19941215; DE 3778142 D1 19920514; DK 522188 A 19880920;
  DK 522188 D0 19880920; EP 0298994 A1 19890118; ES 2030011 T3 19921016; FI 85003 B 19911115; FI 85003 C 19920225;
  FI 884178 A0 19880912; FI 884178 A 19880912; GR 3004322 T3 19930331; HU 204466 B 19920128; HU T56318 A 19910828;
  IT 1207602 B 19890525; IT 8703326 A0 19870121; JP H01501858 A 19890629; SU 1671158 A3 19910815; WO 8805401 A1 19880728

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  EP 87106328 A 19870505; AR 30892287 A 19871002; AT 87106328 T 19870505; AU 7511687 A 19870505; BG 8547288 A 19880920;
  BR 8707636 A 19870505; CA 557012 A 19880121; CN 87104757 A 19870711; CS 36388 A 19880119; DE 3778142 T 19870505;
  DK 522188 A 19880920; EP 8700233 W 19870505; EP 87903689 A 19870505; ES 87106328 T 19870505; FI 884178 A 19880912;
  GR 920400526 T 19920409; HU 328287 A 19870505; IT 332687 A 19870121; JP 50342287 A 19870505; SU 4356489 A 19880921