

Title (en)
AUTOMATIC PACKAGING MACHINE FOR CONTAINERS

Publication
EP 0294251 B1 19910626 (FR)

Application
EP 88401060 A 19880429

Priority
FR 8706661 A 19870512

Abstract (en)
[origin: US4860519A] The present invention concerns a machine for the automatic packaging of goblets, having a number of stations which permit the goblets to be deposited on a conveyor, to be filled, to be obturated and to be evacuated, these stations being each carried by at least one modular frame, all the modular frames being crossed by the conveyor and being likely to be connected to one another by mechanical connecting, each modular frame having mechanical, electrical and pneumatic control associated to each frame to permit the station it carries to work in an autonomous and separate way, these control being possibly connected to and driven by a multiprocessor solid with at least one of the modular frames.

IPC 1-7
B65B 59/04

IPC 8 full level
B65B 43/52 (2006.01); **B65B 59/04** (2006.01)

CPC (source: EP US)
B65B 59/04 (2013.01 - EP US)

Cited by
EP0844178A1; FR2678484A1; EP0959008A1; EP0712783A1; GB2237787A; GB2237787B; EP1894844A3; GB2226979A; FR2714042A1; EP0749938A1; DE4131800A1; CN114728774A; WO2007104801A1; WO2021094118A1

Designated contracting state (EPC)
AT BE CH DE ES GB IT LI NL SE

DOCDB simple family (publication)
EP 0294251 A1 19881207; EP 0294251 B1 19910626; AT E64720 T1 19910715; BR 8802290 A 19881213; CA 1294257 C 19920114; DE 294251 T1 19890511; DE 3863394 D1 19910801; DK 163979 B 19920427; DK 163979 C 19920928; DK 255088 A 19881113; DK 255088 D0 19880509; ES 2006717 A4 19890516; ES 2006717 B3 19911216; FI 85968 B 19920313; FI 85968 C 19920625; FI 882200 A0 19880511; FI 882200 A 19881113; FR 2615170 A1 19881118; FR 2615170 B1 19890818; JP S63294323 A 19881201; PT 87458 A 19890531; PT 87458 B 19930930; US 4860519 A 19890829

DOCDB simple family (application)
EP 88401060 A 19880429; AT 88401060 T 19880429; BR 8802290 A 19880511; CA 565593 A 19880429; DE 3863394 T 19880429; DE 88401060 T 19880429; DK 255088 A 19880509; ES 88401060 T 19880429; FI 882200 A 19880511; FR 8706661 A 19870512; JP 11451688 A 19880511; PT 8745888 A 19880512; US 18835988 A 19880429