

Title (en)
BAG FILLING MACHINE FOR PULVERULENT MATERIALS

Publication
EP 0001025 B1 19811230 (FR)

Application
EP 78400074 A 19780808

Priority
FR 7725335 A 19770818

Abstract (en)
[origin: ES472654A1] An improved bagging machine for the packaging of powdered materials is provided which avoids soiling the lips of the bags with material which would interfere with the sealing of the bags. The bagging machine comprises a station for gripping and opening the bags having suckers connected to a vacuum source, a filling station including a product inlet chute connected to a measuring means, means for opening and closing the orifice of the chute and for inserting this orifice into the open mouth of the bags and for applying the lips of the latter sealingly against the chute. Means are provided for compacting the material and means for sucking out the air contained inside the bags being filled, a station for closing the bags by welding and/or sewing, means for holding the bags by suspension and for transferring them from one station to the next, and means for synchronizing and sequencing the various movements and operations are also provided. The bagging machine is particularly useful for the automatic filling of bags with powdered materials.

IPC 1-7
B65B 1/04; **B65B 1/22**; **B65B 43/30**

IPC 8 full level
B65B 1/22 (2006.01); **B65B 1/28** (2006.01); **B65B 39/12** (2006.01); **B65B 1/04** (2006.01); **B65B 43/16** (2006.01); **B65B 43/30** (2006.01)

CPC (source: EP US)
B65B 1/22 (2013.01 - EP US); **B65B 43/30** (2013.01 - EP US)

Cited by
CN112874826A; CN105129143A; CN111703652A; CN112061437A; CN104340402A; CN114560136A; EP0250689A3; CN112173186A; CN105035412A; EP3323739A1; FR2584676A1; US10723495B2; DE102013114223B4

Designated contracting state (EPC)
DE NL SE

DOCDB simple family (publication)
EP 0001025 A1 19790307; **EP 0001025 B1 19811230**; BE 869643 A 19790209; BR 7805319 A 19790327; CA 1080177 A 19800624; DE 2861468 D1 19820218; DK 363078 A 19790219; ES 472654 A1 19790316; FI 782511 A 19790219; FR 2400462 A1 19790316; FR 2400462 B1 19810911; GB 2002712 A 19790228; GB 2002712 B 19820317; IE 47313 B1 19840222; IE 781668 L 19790218; IT 1115560 B 19860203; IT 7868909 A0 19780811; JP S5472186 A 19790609; LU 80125 A1 19800421; US 4174599 A 19791120

DOCDB simple family (application)
EP 78400074 A 19780808; BE 189804 A 19780809; BR 7805319 A 19780817; CA 309525 A 19780817; DE 2861468 T 19780808; DK 363078 A 19780817; ES 472654 A 19780817; FI 782511 A 19780817; FR 7725335 A 19770818; GB 7833687 A 19780817; IE 166878 A 19780817; IT 6890978 A 19780811; JP 10086478 A 19780817; LU 80125 A 19780817; US 93396578 A 19780815