

Title (en)
Device for making, filling and closing bags

Title (de)
Vorrichtung zum Herstellen, Befüllen und Verschliessen von Säcken

Title (fr)
Dispositif pour fabriquer, remplir et fermer des sacs

Publication
EP 1050457 A3 20030514 (DE)

Application
EP 00106382 A 20000324

Priority
• DE 19920453 A 19990504
• DE 19936660 A 19990804

Abstract (en)
[origin: EP1050457A2] The production, filling and closing machine for thermoplastic sacks (58) open on one side and preferably with side folds consists of a first welding and cutting unit, a filling unit, and a second welding unit. A first pair of tongs (44) acts as conveyor grip for transferring the sack to the first welding unit. A second pair of tongs is fixed to the filler unit (60); a third pair of to transports the sack from the filler unit to the second welding unit. A fourth pair of tongs (56) transport the sack from the fir pair of conveyor tongs to a pair of tongs (76) fixed to the filler unit, with a stationary pair of tongs (57) situated in-between

IPC 1-7
B65B 1/02

IPC 8 full level
B65B 1/04 (2006.01); **B65B 3/04** (2006.01); **B65B 43/46** (2006.01); **B65B 51/10** (2006.01)

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

Citation (search report)
• [XY] US 4510736 A 19850416 - MUELLER MATHIAS [DE]
• [XY] EP 0468376 A1 19920129 - BL MACCHINE AUTOMATICH [IT]
• [A] IT 1213889 B 19900105 - BL MACCHINE AUTOMATICH [IT]
• [A] US 5878553 A 19990309 - SCHLOESSER WERNER [DE]

Cited by
EP1975073A3; EP2447166A1; EP4183696A1; WO2014191152A1

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 1050457 A2 20001108; EP 1050457 A3 20030514; EP 1050457 B1 20070509; AT E361875 T1 20070615; DE 19964295 C2 20021219; DE 50014313 D1 20070621; ES 2283253 T3 20071101; JP 2001018901 A 20010123; JP 3839222 B2 20061101; US 6401439 B1 20020611

DOCDB simple family (application)
EP 00106382 A 20000324; AT 00106382 T 20000324; DE 19964295 A 19990804; DE 50014313 T 20000324; ES 00106382 T 20000324; JP 2000174435 A 20000508; US 56455500 A 20000504