

Title (en)  
Device for filling and closing bags

Title (de)  
Vorrichtung zum Befüllen und Verschliessen von Säcken

Title (fr)  
Dispositif pour remplir et fermer des sacs

Publication  
**EP 1050458 B1 20061025 (DE)**

Application  
**EP 00106386 A 20000324**

Priority  
• DE 19920455 A 19990504  
• DE 19933486 A 19990716

Abstract (en)  
[origin: EP1050458A1] The appliance (10) incorporates a filler unit (22), various grippers (18,20) for transporting the empty sacks (24) and holdi the sacks in the filler unit and for discharging the filled sacks. A conveyor belt (30) beneath the filler unit supports and con the filled sacks and has a stringer running over two deflector rollers.. The conveyor belt , beneath the filler unit, is raised lowered by swiveling the deflector roller. A vibrator is positioned below the top stringer (28) of the conveyor belt near the fi unit.

IPC 8 full level  
**B65B 1/04** (2006.01); **B65B 1/22** (2006.01)

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

Cited by  
CN111703651A; CN114084663A; US8087215B2; WO2007131870A3; EP2810881B1

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 1050458 A1 20001108; EP 1050458 B1 20061025**; AT E343517 T1 20061115; DE 50013648 D1 20061207; ES 2273629 T3 20070516; JP 2001010601 A 20010116; JP 4681712 B2 20110511; US 6474050 B1 20021105

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