

Title (en)
IMPROVEMENTS TO SELF-CONTAINED SACKING MACHINES

Title (de)
VERBESSERUNGEN AN SELBSTÄNDIG ARBEITENDE AUFSACKMASCHINEN

Title (fr)
AMELIORATIONS APORTEES AUX MACHINES AUTONOMES D'ENSACHAGE

Publication
EP 0844175 A1 19980527 (EN)

Application
EP 97918163 A 19970508

Priority

- ES 9700117 W 19970508
- ES 9601028 A 19960508
- ES 9601030 A 19960508
- ES 9601034 A 19960508

Abstract (en)
One of the improvements lies in establishing, between the sack forming station (1) and the sack filling station (3), an intermediate station (2) whose distance from the filling station (3) is considerably less than the distance between the filling station and the sealing station (4), in order that when the sack (8) transfer carriage (9) moves, the sacks will arrive at the filling station (3) within substantially less time than that required for it to be conveyed to the other stations, allocating more time to the filling phase. Another improvement lies in providing a welding mechanism to reinforce the ends of the sack, after the sack has been filled and sealed. Another of the improvements lies in providing the sacking machine with a sack forming unit devised to fragment the continuous tubular band from which said sacks are obtained and to provide a seal by welding the bottom end of each sack, the foregoing in optimum conditions for the sacks to be capable of withstanding the next immediate sack filling phase. <IMAGE>

IPC 1-7
B65B 1/02

IPC 8 full level
B65B 1/02 (2006.01); **B65B 43/46** (2006.01)

CPC (source: EP)
B65B 1/02 (2013.01); **B65B 43/465** (2013.01)

Citation (search report)
See references of WO 9742077A1

Cited by
EP3647211A1; US11345500B1; FR3030460A1; EP1535842A3; CN105270659A; ES2232215A1; DE19964295C2; US2018009599A1; US10717590B2; DE19936660C2; ES2363290A1; EP2522582A1; US6460317B1; US6474050B1; US11198555B2; DE202016008986U1; EP3323741A1; EP1201539A1; DE19933486A1; DE19933486C2; USRE42176E; EP4155215A1; FR3127482A1; US2023227191A1; WO2008116652A1; WO2021228818A1; WO2021228812A1; US11267599B2

Designated contracting state (EPC)
DE IT

DOCDB simple family (publication)
WO 9742077 A1 19971113; DE 69701180 D1 20000224; DE 69701180 T2 20000914; EP 0844175 A1 19980527; EP 0844175 B1 20000119

DOCDB simple family (application)
ES 9700117 W 19970508; DE 69701180 T 19970508; EP 97918163 A 19970508