

Title (en)  
Machine for making tubular bags

Title (de)  
Schlauchbeutelmaschine

Title (fr)  
Machine pour fabriquer des sacs tubulaires

Publication  
**EP 1462364 B2 20090722 (DE)**

Application  
**EP 04014688 A 20001123**

Priority  
• DE 19957891 A 19991201  
• EP 00125666 A 20001123

Abstract (en)  
[origin: EP1106508A1] The form-and-fill machine has a feed roller (3) for plastic sheet (2) and a folding roller (4) which forms the sheet into shoulder portions (34, 35) of different lengths. A feeder (6) moves the sheet on to a filler pipe (7). A welder (10) produces transverse welds and spreaders with individual welding devices (15) weld the edges held by the spreaders. The novelty is that a separate welder (18) produces a weld along the edge (16) of the bag.

IPC 8 full level  
**B65B 9/20** (2006.01); **B65B 9/22** (2006.01)

CPC (source: EP US)  
**B65B 9/2021** (2013.01 - EP US); **B65B 9/2028** (2013.01 - EP US); **B65B 9/2042** (2013.01 - EP US); **B65B 9/207** (2013.01 - EP US); **B65B 9/213** (2013.01 - EP US); **B65B 9/22** (2013.01 - EP US); **B65B 9/2056** (2013.01 - EP US); **B65B 2220/10** (2013.01 - EP US); **B65B 2220/12** (2013.01 - EP US)

Citation (opposition)  
Opponent :  
• DE 19603371 A1 19970807 - ROVEMA GMBH [DE]  
• WO 9512530 A1 19950511 - PATELLI FERRUCCIO [IT]  
• US 3807118 A 19740430 - PIKE B

Cited by  
EP1792838A1; EP3048056B1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1106508 A1 20010613**; **EP 1106508 B1 20040908**; AT E275499 T1 20040915; AT E298703 T1 20050715; AT E306420 T1 20051015; DE 19957891 A1 20010607; DE 50007676 D1 20041014; DE 50010650 D1 20050804; DE 50011347 D1 20060223; EP 1462364 A1 20040929; EP 1462364 B1 20051012; EP 1462364 B2 20090722; EP 1464578 A1 20041006; EP 1464578 B1 20050629; ES 2228384 T3 20050416; ES 2242176 T3 20051101; ES 2250945 T3 20060416; ES 2250945 T5 20091211; US 2001005979 A1 20010705; US 6729112 B2 20040504

DOCDB simple family (application)  
**EP 00125666 A 20001123**; AT 00125666 T 20001123; AT 04014687 T 20001123; AT 04014688 T 20001123; DE 19957891 A 19991201; DE 50007676 T 20001123; DE 50010650 T 20001123; DE 50011347 T 20001123; EP 04014687 A 20001123; EP 04014688 A 20001123; ES 00125666 T 20001123; ES 04014687 T 20001123; ES 04014688 T 20001123; US 72626400 A 20001130