

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