

Title (en)
Machine for making tubular bags

Title (de)
Schlauchbeutelmaschine

Title (fr)
Machine pour fabriquer des sacs tubulaires

Publication
EP 1106508 B1 20040908 (DE)

Application
EP 00125666 A 20001123

Priority
DE 19957891 A 19991201

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 1-7
B65B 9/20; **B65B 9/22**

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 (examination)
IT 1274100 B 19970715 - ICA SPA SOC

Cited by
WO2004110885A1; EP2214978A4; EP3109183A1; EP3851271A1; DE102006010139A1; EP1544107A1; EP3006349A1; DE102006008587A1;
ITTV20090118A1; EP3296217A1; IT201600092666A1; WO2009061959A1; WO2009021156A3; WO2012175234A1; WO2005025993A1;
US10207850B2; US11267632B2; US10843837B2; US10994882B2; US10023337B2; US10232969B2; US11124323B2; US9745104B2;
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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

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