

Title (en)
Hand sealing device

Title (de)
Handversiegelungsvorrichtung

Title (fr)
Dispositif pour cacheter à la main

Publication
EP 0732478 A3 19970319 (DE)

Application
EP 96890038 A 19960306

Priority
AT 47895 A 19950317

Abstract (en)
[origin: US5759272A] A manual sealing unit consists of a crane-like bracket (1), which is mounted to rotate around a vertical axis (9). A boom (2) is connected to pivot around a vertical axis (12) and around a horizontal axis (15) at the free end (10) of a horizontal segment (11) of the bracket (1). Supply conduits (6, 7), by which the components of the sealing compound are conveyed to a mixing device (4) and a manual sealing nozzle (3) that is connected to the latter, are fastened to the bracket (1) and the boom (2). In the area of the joint between the bracket (1) and the boom (2), the conduits (6 and 7) are arranged in bends (21) and have a rotating joint (22) there, so that the movability of the boom (2) is not hampered. The boom (2) is loaded upward by a pneumatic cylinder (19), so that the combination of the mixing device (4) and the sealing nozzle (3) for an operator executing the manual sealing is virtually weightless.

IPC 1-7
E06B 3/66

IPC 8 full level
B05B 15/60 (2018.01); **B05B 15/62** (2018.01); **B05C 17/00** (2006.01); **E06B 3/66** (2006.01); **E06B 3/673** (2006.01)

CPC (source: EP US)
B05B 15/62 (2018.01 - EP US); **B05C 17/00** (2013.01 - EP US); **E06B 3/67343** (2013.01 - EP US); **E06B 3/67347** (2013.01 - EP US)

Citation (search report)
• [PX] DE 29505433 U1 19950614 - LISEC PETER [AT]
• [A] DE 4033403 A1 19920213 - LENHARDT MASCHINENBAU [DE]

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI NL PT SE

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US 5759272 A 19980602; AT 401671 B 19961125; AT A47895 A 19960315; AT E193745 T1 20000615; DE 19608901 A1 19960926; DE 19608901 C2 19980610; DE 29505433 U1 19950614; DE 59605377 D1 20000713; EP 0732478 A2 19960918; EP 0732478 A3 19970319; EP 0732478 B1 20000607; ES 2147359 T3 20000901; IT 240503 Y1 20010402; IT MI960184 U1 19970914

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