

Title (en)
PLUG DEVICE

Title (de)
STECKERVORRICHTUNG

Title (fr)
DISPOSITIF DE PRISE

Publication
EP 3666464 A1 20200617 (EN)

Application
EP 18211758 A 20181211

Priority
EP 18211758 A 20181211

Abstract (en)
A plug device (1) for plugin a plurality of small elongated parts (200) into a plurality of holes (120) arranged in a part carrier (100), the plug device (1) comprises a body (10) comprising a main member (30) and a wall (20a, 20b), the wall (20a, 20b) extends from the main member (30) along a first axis (X), thereby surrounding the first axis (X) defining a cylindrical cup (70), wherein the main member (30) comprises an outer opening (32) on an outer surface (72) of the cylindrical cup (70) and a plurality of inner openings (40-47, 50-53) on an inner surface (74) of the cylindrical cup (70), wherein the outer opening (32) and the plurality of inner openings (40-47, 50-53) are connected by at least one channel (60), whereby the channel (60) is adapted to guide pressurized gas into the cylindrical cup (70), wherein an open portion (76) of the cylindrical cup (70) comprises fastening means that cooperate with fastening means arranged on the part carrier (100) to close the open portion (76) by fastening the part carrier (100) to the cylindrical cup (70), wherein when the part carrier (100) is fastened, the plurality of holes (120) are adjusted along the first axis (X) and wherein the plurality of holes (120) are adapted to let out pressured gas out of the cylindrical cup (70).

IPC 8 full level
B23P 19/00 (2006.01); **B25B 11/02** (2006.01); **B65G 47/24** (2006.01)

CPC (source: EP)
B25B 11/02 (2013.01)

Citation (search report)

- [A] US 5513739 A 19960507 - BERG MAGNUS [SE]
- [A] WO 2014086870 A1 20140612 - KNIGHT PERRIN [IE]
- [A] US 2006239808 A1 20061026 - LUDWIG RALPH [DE], et al

Designated contracting state (EPC)
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Designated extension state (EPC)
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