

Title (en)

BODYMAKER AND DOUBLE ACTION DOMER ASSEMBLY WITH STAGED PISTON

Title (de)

MASCHINE ZUR HERSTELLUNG VON DOSENKÖRPERN UND DOPPELTWIRKENDE BEHÄLTERBODENANORDNUNG MIT GESTUFTEM KOLBEN

Title (fr)

DISPOSITIF DE FORMATION DE CORPS ET ENSEMBLE DE FORMATION DE DÔME À DOUBLE ACTION AVEC PISTON ÉTAGÉ

Publication

EP 3570990 A4 20201021 (EN)

Application

EP 18742386 A 20180122

Priority

- US 201715412426 A 20170123
- US 2018014622 W 20180122

Abstract (en)

[origin: WO2018136851A1] A domer station (10) having a domer assembly (12), a housing assembly (14), and a stacked piston assembly (60) is provided. The domer assembly (10) is movably disposed within a domer body passage (40) located in the housing assembly (14) and structured to move between a forward, first position and a retracted, second position. The stacked piston assembly (60) includes a plurality of pistons (62), preferably three pistons (62A, 62B, 62C), disposed in series and a pressure supply (50). The pistons (62) are disposed behind the domer (12) in pressure chambers (64). The pistons (62) have a constant pressure applied thereto and are biased towards the domer (12). The pistons (62) are, however, each restrained by a stop (80) and do not contact, or operatively engage, the domer (12) when the domer is in the domer first position.

IPC 8 full level

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CPC (source: EP)

B21D 22/30 (2013.01); **B21D 51/26** (2013.01)

Citation (search report)

- [X] WO 2014047115 A1 20140327 - STOLLE MACHINERY CO LLC [US]
- See references of WO 2018136851A1

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