

Title (en)
Eyelet buttonholing sewing machine

Title (de)
Augen-Knopfloch-Nähmaschine

Title (fr)
Machine à coudre les boutonsnières avec oeillet

Publication
EP 1559823 B1 20070919 (DE)

Application
EP 05000759 A 20050115

Priority
• DE 102004004752 A 20040130
• DE 102004021924 A 20040504

Abstract (en)
[origin: EP1559823A2] A buttonhole sewing machine has an x/y sewing surface (9) with a variable-position X-plane fabric work piece clamp (11) shifted by a pneumatic piston and cylinder unit linked by a push-fit detachable connector (32) to a compressed air line (28). The compressed air line connector has freedom of movement in the x and y planes. The connector (32) has a conical cross section (36) and is co-located with the clamp drive (20).

IPC 8 full level
D05B 3/08 (2006.01); **D05B 29/12** (2006.01); **D05B 3/06** (2006.01); **D05B 19/12** (2006.01); **D05B 29/00** (2006.01)

CPC (source: EP KR)
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B65F 1/1646 (2013.01 - KR); **D05B 3/08** (2013.01 - EP); **B65F 2210/138** (2013.01 - KR); **D05D 2207/02** (2013.01 - EP)

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