

Title (en)  
Buttonhole sewing machine

Title (de)  
Knopflochnähmaschine

Title (fr)  
Machine à coudre pour boutonnères

Publication  
**EP 2784204 B1 20150506 (EN)**

Application  
**EP 14161472 A 20140325**

Priority  
JP 2013061823 A 20130325

Abstract (en)  
[origin: EP2784204A1] A buttonhole sewing machine includes a buttonhole presser (7) including a presser frame (72) and two projection portions (71 a, 72a), and a buttonhole switch mechanism (2) including a detection switch (24) changing an open and closed states when the presser frame (72) is positioned at a foremost position and at a rearmost position, the buttonhole switch mechanism (2) including a lever member (21, 22, 23) having a lower end portion (21 b) positioned between the mentioned two projection portions (71 a, 72a) of the buttonhole presser (7) and rotatably supported for moving the lower end portion (21 b) in a front-rear direction. The detection switch (24) includes first and second contact points (24b, 24c) that are selectively connected to each other. The lever member (21, 22, 23) changes the open and closed states of the detection switch (24) when the lower end portion (21 b) rotates by being thrust by the projection portions (71 a, 72a), respectively.

IPC 8 full level  
**D05B 3/06** (2006.01)

CPC (source: EP)  
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Cited by  
CN106490740A

Designated contracting state (EPC)  
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