

Title (en)  
Compound needle for flatbed knitting machine

Title (de)  
Schiebernadel für Flachstrickmaschinen

Title (fr)  
Aiguille de type compound pour machine à tricoter rectiligne

Publication  
**EP 2458052 B1 20150617 (EN)**

Application  
**EP 11009237 A 20111122**

Priority  
JP 2010260511 A 20101122

Abstract (en)  
[origin: EP2458052A2] [Problem to be solved] There is provided a compound needle of a flatbed knitting machine that can reliably guide a tongue to be sunk in a slider groove at clearing time in which a slider having the tongue formed with two blades is moved back with respect to a needle body. [Solution] In a clearing time, a head portion (14g) of a blade (14) is put in a clearing portion (12i) of a slider groove (12c), and a sloping portion (14f) is pressed with a pressing portion (12f) on the under surface of an overhanging portion (12e). A tongue (14a) is sunk in the slider groove (12c), and a stitch can smoothly move back along a needle shank (12b). An arm (14b) is extended on the rearward beyond the overhanging portion (12e), so that it is possible to form a compound needle (11) by combining a needle body (12) with a slider (13) from above, even though a curving portion (14e) is provided subsequent to the tongue (14a).

IPC 8 full level  
**D04B 35/06** (2006.01)

CPC (source: EP)  
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Cited by  
EP3425097A3; EP2581480A1; US8578740B2

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**EP 2458052 A2 20120530; EP 2458052 A3 20120905; EP 2458052 B1 20150617**; CN 102535001 A 20120704; CN 102535001 B 20150304; JP 2012112059 A 20120614; JP 5618778 B2 20141105

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