

Title (en)  
Circular knitting machine comprising a loop cutting apparatus

Title (de)  
Rundstrickmaschine mit Maschenschneidvorrichtung

Title (fr)  
Machine à tricoter circulaire avec appareil de découpage en boucle

Publication  
**EP 2949798 A1 20151202 (EN)**

Application  
**EP 14170105 A 20140527**

Priority  
EP 14170105 A 20140527

Abstract (en)  
A loop cutting apparatus (20) for a circular knitting machine (10) which has a circular cylinder (11) including a plurality of knitting needles (112) movable independently includes an upper needle dial (21) located on the circular cylinder (11) and a plurality of yarn cutting needle sets radially centered about the axis (A) of the circular cylinder (11). Each yarn cutting needle set includes a first cutter needle (22) and a second cutter needle (23) movable against the first cutter needle (22) in a first yarn cutting displacement (P) thereof. The first cutter needle (22) has a yarn holding section (222) leaned by a yarn (51) and collaborated with the two abutting knitting needles (112) at two sides to pick up and draw the yarn (51) to form a pile loop (53) and a first cutter section (223) connected to the yarn holding section (222). The second cutter needle (23) has a second cutter section (231) staggered against the first cutter section (223) in the first yarn cutting displacement (P) to cut the pile loop (53).

IPC 8 full level  
**D04B 9/12** (2006.01); **D04B 35/02** (2006.01)

CPC (source: EP)  
**D04B 9/12** (2013.01); **D04B 35/02** (2013.01)

Citation (applicant)  

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- DE 19518490 A1 19961121 - SCHMIDT URSULA DOROTHEA [AT]
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Citation (search report)  

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- [A] DE 4402707 A1 19950803 - GROZ & SOEHNE THEODOR [DE]
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