

Title (en)  
DEVICE FOR KNOTTING PEARL NECKLACES

Title (de)  
VORRICHTUNG ZUM KNOTEN VON PERLENKETTEN

Title (fr)  
DISPOSITIF POUR REALISER DES NOEUDS SUR DES COLLIERS DE PERLES

Publication  
**EP 0946803 B1 20010328 (DE)**

Application  
**EP 97953817 A 19971215**

Priority  
• DE 29621634 U 19961213  
• EP 9707028 W 19971215

Abstract (en)  
[origin: WO9826121A1] The device for knotting pearl necklaces has a first holder (16) for a pearl (35) mounted on a thread (36) and secured by a knot, wherein the holder (16) has a slit which is opened on one side to enable lateral insertion of the thread (36). Said device has also a loop-forming device (11) comprising a first finger (12) which is mounted at a distance from the first holder (16), and a catching device (13) which can be pivoted around an axis (9) located closer to the finger (12) than to the catching device (13). The pivoting angle is such that when the catching device (13) pivots, a first section (36b) of the thread (36) taken up thereby passes in front of a second section (36a) of the thread (36) extending between the first holder (16) and the finger (12). The inventive device further includes a loop holder (19) in the form of a second finger extending perpendicular to the pivoting plane of the catching device (13). The loop holder can be moved back and forth from a first rest position and a second operating position. In its operating position, said holder engages in the intermediate area between a second (36a) and a first (36b) section of the thread which passes in front of the second section (36a) keeping open the loops formed by the pivoting catching device (13). The holder can also be moved perpendicular to its longitudinal direction. Also provided in the inventive device is a passage (42) traversing the pivotal plane in the pivoting area of the catching device (13), by means of which the open end of the thread (36) can be introduced. Further, a second holder (28) is provided with a second slit located approximately at the same level as the first slit and comprising an opening on one side close to the one-sided opening of the first slit, wherein a misalignment between both holders (16, 28) is provided and is adjusted according to the mobility of the second finger (19) so that the second finger (19) when seen from the position of the pearl to be knotted (35), can be shifted from a position behind the first holder (16) into a position in front of the second holder (28).

IPC 1-7  
**D04G 5/00**

IPC 8 full level  
**D04G 5/00** (2006.01)

CPC (source: EP)  
**D04G 5/00** (2013.01)

Cited by  
CN110269331A

Designated contracting state (EPC)  
AT CH DE ES GB IT LI NL

DOCDB simple family (publication)  
**WO 9826121 A1 19980618**; AT E200113 T1 20010415; DE 29621634 U1 19980903; DE 59703257 D1 20010503; EP 0946803 A1 19991006; EP 0946803 B1 20010328

DOCDB simple family (application)  
**EP 9707028 W 19971215**; AT 97953817 T 19971215; DE 29621634 U 19961213; DE 59703257 T 19971215; EP 97953817 A 19971215