

Title (en)  
NEEDLE SELECTION DEVICE FOR A KNITTING MACHINE

Publication  
**EP 0533628 A3 19930407 (FR)**

Application  
**EP 92810712 A 19920916**

Priority  
CH 279691 A 19910920

Abstract (en)  
[origin: EP0533628A2] The selection device (7) fastened to the carriage (5) of the machine selects the keys (3) or the needles directly. The selection is carried out by means of opposed magnetic ramps, in which is formed a magnetically neutral zone where a selection electromagnet operates. In the event of a failure of the current in the electromagnet, the needles remain inoperative. Such a device allows very high selection frequencies, whilst avoiding any risk of damage attributable to a failure of the device. <IMAGE>

IPC 1-7  
**D04B 15/78**

IPC 8 full level  
**D04B 15/36** (2006.01); **D04B 15/56** (2006.01); **D04B 15/78** (2006.01)

CPC (source: EP KR)  
**D04B 15/78** (2013.01 - EP); **D04B 15/82** (2013.01 - KR)

Citation (search report)

- [X] DE 1585001 A1 19700409 - DUBIED & CIE SA E
- [A] FR 2030533 A1 19701113 - LEBOCEY & CIE GEORGES
- [AD] EP 0249203 A1 19871216 - HEIKO SEISAKUSHO [JP]
- [AD] CH 622566 A5 19810415 - DUBIED & CIE SA E [CH]
- [AD] DE 2938835 A1 19810527 - SCHAFFHAUSER STRICKMASCHF [CH]
- [AD] US 4414806 A 19831115 - SCHIMKO REINHOLD [DE]

Cited by  
WO2014157432A1; WO9628596A1; WO9833966A1

Designated contracting state (EPC)  
BE DE ES FR GB GR IT PT

DOCDB simple family (publication)  
**EP 0533628 A2 19930324; EP 0533628 A3 19930407; EP 0533628 B1 19960424**; CH 686141 A5 19960115; DE 69210152 D1 19960530; DE 69210152 T2 19961212; ES 2087498 T3 19960716; GR 3020430 T3 19961031; JP 2673922 B2 19971105; JP H05214643 A 19930824; KR 100233755 B1 19991201; KR 930006221 A 19930421; MX 9205337 A 19930701

DOCDB simple family (application)  
**EP 92810712 A 19920916**; CH 279691 A 19910920; DE 69210152 T 19920916; ES 92810712 T 19920916; GR 960401803 T 19960702; JP 27555692 A 19920919; KR 920016486 A 19920909; MX 9205337 A 19920918