

Title (en)  
JACQUARD MACHINES WITH SWIVEL-MOUNTED HOOKS

Publication  
**EP 0155004 A3 19900711 (FR)**

Application  
**EP 85102976 A 19830718**

Priority  
FR 8212847 A 19820719

Abstract (en)  
[origin: ES8404429A1] In a weaving system in which the selection of the hooks is effected by rotation of their shanks so as to present their nose elements to the blades of the gripper frames or, on the contrary, to retract them, each hook comprises at its end a flat eyelet which, when it returns into its low rest position, engages in a depression with elliptic inlet in a bottom board and which tends to return it to the correct angular orientation corresponding to this position. In addition, to each eyelet is attached an elastic blade which passes through a slit in a guiding board and which acts in the manner of a return torsion spring to complete the effect of the depression.

IPC 1-7  
**D03C 3/06**; **D03C 3/24**

IPC 8 full level  
**D03C 3/06** (2006.01); **D03C 3/24** (2006.01); **D03C 3/40** (2006.01)

CPC (source: EP US)  
**D03C 3/06** (2013.01 - EP US); **D03C 3/24** (2013.01 - EP US)

Citation (search report)  
• [A] DE 2455035 A1 19750522 - VERDOL SA  
• [AD] FR 2179655 A1 19731123 - VERDOL SA [FR]

Cited by  
US5010927A; EP0227560A1; FR2590280A1

Designated contracting state (EPC)  
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**EP 0155004 A2 19850918**; **EP 0155004 A3 19900711**; DE 3360984 D1 19851114; EP 0100288 A1 19840208; EP 0100288 B1 19851009; ES 524204 A0 19840416; ES 8404429 A1 19840416; FR 2530269 A1 19840120; FR 2530269 B1 19850201; JP S5926541 A 19840210; US 4529011 A 19850716

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