

Title (en)
COUPLING-SYSTEM FOR OPERATING THE HEALD FRAMES IN A LOOM

Publication
EP 0082906 B2 19890412 (DE)

Application
EP 81810517 A 19811228

Priority
EP 81810517 A 19811228

Abstract (en)
[origin: US4441528A] The clutch arrangement includes a proximity switch which monitors the coupled or uncoupled position of the pawl with the shaft through a transmission linkage as well as the movement of the heddle. Corresponding control signals are emitted to an electronic control device for comparison of the weaving machine with the weave program. In case of faults, the weaving machine can be immediately stopped. The transmission linkage includes levers which are actuated by the control levers for coupling and uncoupling the pawl with and from the shaft. In addition, the strap about the eccentric includes an abutment surface for actuating the transmission linkage to cause the proximity switch to be switched to an on position.

IPC 1-7
D03C 1/00; **D03D 51/46**

IPC 8 full level
D03C 1/00 (2006.01); **D03C 1/14** (2006.01); **D03C 13/00** (2006.01); **D03C 19/00** (2006.01); **D03D 51/00** (2006.01); **D03D 51/46** (2006.01)

CPC (source: EP US)
D03C 1/00 (2013.01 - EP US); **D03D 51/46** (2013.01 - EP US)

Cited by
EP0493868A1; EP0542350A1; US5265650A; EP0466234A1; US5209270A; EP0525862A1; US5259419A

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