

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

Publication  
**EP 0047791 B1 19841219 (DE)**

Application  
**EP 80105440 A 19800912**

Priority  
EP 80105440 A 19800912

Abstract (en)  
[origin: US4497346A] The clutch arrangement contains a stroke member which carries two levers and a spring connecting the levers. The stroke member is driven by a drive lever which engages between the two levers. The stroke member drives the bar for the control levers while a scanning arm is moved against the armature of an electromagnet. Both movements occur with a force transmission occurring via the single spring. This provides for especially gentle treatment of the parts. At the same time, relatively few parts are needed.

IPC 1-7  
**D03C 1/00**

IPC 8 full level  
**D03C 1/00** (2006.01); **D03C 1/14** (2006.01)

CPC (source: EP US)  
**D03C 1/00** (2013.01 - EP US)

Citation (examination)

- DE 2741199 B2 19800731
- DE 2841278 B1 19791129 - ZANGS AG MASCHF
- FR 2392147 A1 19781222 - STAUBLI SA ETS [FR]
- DE 1154048 B 19630905 - WEBSTUHLBAU GROSSENHAIN VEB

Cited by  
EP0080000A1; US4461325A; EP0467444A1; FR2530678A1; EP0082906A1; EP0082907A1; US4404993A

Designated contracting state (EPC)  
CH DE FR IT LI

DOCDB simple family (publication)  
**EP 0047791 A1 19820324; EP 0047791 B1 19841219**; BR 8105809 A 19820608; CS 241487 B2 19860313; CS 665381 A2 19850613; DE 3069829 D1 19850131; JP H0213052 B2 19900403; JP S5777344 A 19820514; SU 1068041 A3 19840115; US 4497346 A 19850205

DOCDB simple family (application)  
**EP 80105440 A 19800912**; BR 8105809 A 19810911; CS 665381 A 19810909; DE 3069829 T 19800912; JP 14371581 A 19810911; SU 3324193 A 19810825; US 30066381 A 19810909