

Title (en)  
COUPLING ARRANGEMENT FOR OPERATING THE HEALD SHAFTS OF A LOOM

Publication  
**EP 0048292 B1 19840321 (DE)**

Application  
**EP 80105632 A 19800919**

Priority  
EP 80105632 A 19800919

Abstract (en)  
[origin: US4427035A] The clutch contains a spring for pulling the arm of the control lever on the stop and an additional auxiliary spring connected with a roller. While the control lever strikes on the stop, the roller moves toward one lever arm so that in a further rotation of the parts, the roller (30) is lifted within a slot while additionally tensioning the auxiliary spring. While the tension of the main spring decreases, that of the auxiliary spring increases correspondingly, so that the control lever is held with sufficient tension on the stop and machine vibrations during the striking or operation can be made harmless or damped.

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

IPC 8 full level  
**F16D 11/06** (2006.01); **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 A1 19790201 - SULZER AG

Cited by  
EP0607632A1; US4444225A

Designated contracting state (EPC)  
CH DE FR IT LI

DOCDB simple family (publication)  
**EP 0048292 A1 19820331; EP 0048292 B1 19840321**; BR 8105976 A 19820608; CS 243460 B2 19860612; CS 689881 A2 19840320; DE 3067166 D1 19840426; JP S5783723 A 19820525; SU 1148568 A3 19850330; US 4427035 A 19840124

DOCDB simple family (application)  
**EP 80105632 A 19800919**; BR 8105976 A 19810918; CS 689881 A 19810918; DE 3067166 T 19800919; JP 14771881 A 19810918; SU 3336300 A 19810918; US 30266381 A 19810915