

Title (en)  
GRIPPER DRIVE FOR LOOMS

Publication  
**EP 0269115 B1 19930929 (DE)**

Application  
**EP 87117509 A 19871126**

Priority  
DE 3640717 A 19861128

Abstract (en)  
[origin: US4984609A] A gripper bar drive for weaving machines with a cycloid gearbox implemented with a crank arm (3) and an articulated lever (6), has been configured in such a way, that the effective lengths (LK and LH) of the crank arm (3) and of the articulated lever (6), may be modified. This creates the possibility of modifying the stroke of the gripper bars (9) from one value to another, without having to replace the crank arm (3) and the articulated lever (6). Among other things, the implementation can be effected in such a way, that the fastening devices (10) are provided with an eccentric center (M), and the crank arm (3) and the articulated lever (6) may be provided with openings (13, 16) for the fastening devices (10).

IPC 1-7  
**D03D 47/12**; **D03D 47/27**

IPC 8 full level  
**D03D 47/12** (2006.01); **D03D 47/27** (2006.01)

CPC (source: EP US)  
**D03D 47/273** (2013.01 - EP US); **D03D 47/275** (2013.01 - EP US); **Y10T 74/18272** (2015.01 - EP US)

Designated contracting state (EPC)  
BE CH DE ES FR GB IT LI NL

DOCDB simple family (publication)  
**EP 0269115 A2 19880601**; **EP 0269115 A3 19900307**; **EP 0269115 B1 19930929**; DE 3640717 A1 19880609; DE 3787617 D1 19931104; US 4984609 A 19910115

DOCDB simple family (application)  
**EP 87117509 A 19871126**; DE 3640717 A 19861128; DE 3787617 T 19871126; US 44593289 A 19891205