

Title (en)
DEVICE FOR CONTROLLING THE FEEDER OF A STEP WISE ADVANCING FEED-APPARATUS

Publication
EP 0395963 B1 19930107 (DE)

Application
EP 90107582 A 19900420

Priority
CH 169289 A 19890503

Abstract (en)
[origin: JPH02300548A] PURPOSE: To facilitate stroke adjustments by providing a web supporting a palnetary pinion and the planetary pinion which meshes with a sun gear and which is coupled to an eccentric part converting the rotational movement of an output sun gear into vibrational movement. CONSTITUTION: A shifting sleeve 84 is rotatably and movably mounted on a sleeve part 83 to support a plurality of control disks 101, 102. The control disk 100 is mounted on the part 83 to form a whole, together with the part 83. The disks 100, 101, 102 control the movements of rollers 110, 111 and are coupled via a lever 9 to a connecting rod moving a rocker. The roller 110 cooperates with the disc 100 and corresponds to either of the disks 101, 102. A control sliding rod 92 has a carrier 93 projecting into a gap between the disks 101, 102 and the sleeve 84 is capable of reciprocation and the like over the part 83 by control of the rod 92. A drive shaft 11 has a recess 96 in a part where an eccentric member is formed, and a stopping member 97 is vertically movable within a casing 1.

IPC 1-7
B21D 43/09

IPC 8 full level
F16H 19/08 (2006.01); **B21D 43/09** (2006.01); **B65H 20/04** (2006.01); **B65H 23/188** (2006.01); **F16H 1/28** (2006.01)

CPC (source: EP US)
B21D 43/09 (2013.01 - EP US)

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

DOCDB simple family (publication)
EP 0395963 A1 19901107; **EP 0395963 B1 19930107**; CH 679020 A5 19911213; DE 59000714 D1 19930218; JP 2815672 B2 19981027; JP H02300548 A 19901212; US 5062561 A 19911105

DOCDB simple family (application)
EP 90107582 A 19900420; CH 169289 A 19890503; DE 59000714 T 19900420; JP 11570690 A 19900501; US 51274990 A 19900420