

Title (en)
WOBBLE APPARATUS

Title (de)
SCHÜTTELVORRICHTUNG

Title (fr)
DISPOSITIF SECOUEUR

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Application
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Abstract (en)
[origin: WO2012020044A1] The invention relates to a wobble apparatus (1) for moving a roll (2) to and fro along an axis of the latter, in particular a roll (2) for a machine for producing a fibrous web, in particular a paper web, cardboard web or packaging-paper web, which wobble apparatus (1) has a first eccentric drive (10) which is connected to the roll (2) in the direction of the roll axis (L) and a second eccentric drive (11) which is connected to the roll (2) in the direction of the roll axis (L), wherein the two eccentric drives (10, 11) are driven by at least one motor, preferably by two motors (17, 18), wherein the two eccentric drives (10, 11) are connected to the at least one motor, preferably to the two motors (17, 18), at least by means of two parallel shafts (19, 20; 19.1, 20.1, 19.2, 20.2) and a clutch (21) which is arranged between them for the transmission of rotational movements with an accurate rotary angle, wherein the two eccentric drives (10, 11) are arranged on or in a common and movable displaceable device (6), and wherein the roll (2) and the device (6) are connected to one another directly or indirectly by means of at least one at least single-part wobble rod (9). The wobble apparatus (1) according to the invention is characterized in that the clutch (21) has a variable shaft offset with at least one intermediate element (22, 22.1) which is connected to the two clutch halves (21.1, 21.2) via in each case one mechanism (23) comprising at least three links (24) which are parallel to one another, including journals (25), wherein the intermediate element (22) is formed by an unsupported disc-like body (22.1), and wherein the journals (25) are attached fixedly both in the intermediate element (22, 22.1) and in the two clutch halves (21.1, 21.2) and are mounted in corresponding holes (26) of the links (24), and in that the individual journal (25) is mounted in the corresponding hole (26) of the link (24) by means of at least one needle bearing (27).

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