

Title (en)
DEVICE FOR PRODUCING A LIFTING AND LOWERING MOVEMENT

Title (de)
VORRICHTUNG ZUR ERZEUGUNG EINER HEBE- UND SENKBEWEGUNG

Title (fr)
DISPOSITIF POUR PRODUIRE UN MOUVEMENT DE LEVAGE ET D'ABAISSEMENT

Publication
EP 1200213 B1 20030305 (DE)

Application
EP 00938434 A 20000630

Priority
• CH 0000353 W 20000630
• CH 141099 A 19990729

Abstract (en)
[origin: US6684723B1] An apparatus for producing a lifting and lowering movement for lifting and lowering transverse transporting tongs of a forming machine includes a rotatable control shaft on which a control cam, a counter cam and a spring element cam are fitted. A pivotably mounted double lever has a control roller arm, a counter roller arm and a drive output arm. A control roller, rolling on the control cam, is rotatably arranged on the control roller arm and a counter roller, rolling on the counter cam, is rotatably arranged on the counter roller arm. The control cam and the counter cam act on the double lever in opposite directions of rotation. On the spring element cam there rolls a spring element roller arranged on a spring element lever. Arranged on the spring element lever is a spring element, which acts on the double lever in the same direction of rotation as the counter roller.

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