

Title (en)

CONTROL SYSTEM FOR GLASS BENDING PLATEN

Title (de)

REGELVORRICHTUNG FÜR PRESS ZUM BIEGEN VON GLASSCHEIBEN

Title (fr)

SYSTEME DE COMMANDE POUR PLATEAU DE CINTRAGE DE VERRE

Publication

**EP 0703877 A4 19961218 (EN)**

Application

**EP 95916296 A 19950412**

Priority

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- US 22812194 A 19940415
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Abstract (en)

[origin: WO9528360A1] A closed loop control system for a hydraulically actuated glass sheet press bending platen (74). Flow of fluid supplied to the cylinder (100) operating the press platen (74) is controlled through a servo solenoid valve (112). A linear motion transducer (120) is associated with the platen (74) and sends appropriate signals to a programmable motion controller (134). The motion controller (134) controls a position module (140) operatively coupled to the servo solenoid valve (112) which regulates the flow of hydraulic fluid from a pump (104) to the cylinder (100). The motion controller (134) utilizes data from the linear motion transducer (120) for making necessary corrections to insure that the platen (74) cycles precisely in accordance with a predetermined program. In a second embodiment of the invention, the closed loop control system for the hydraulically operated platen (74) is combined with a precision control of a variable speed glass sheet conveyor means for improved registry of the glass sheet (S) being bent with the platen member (74).

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- No further relevant documents disclosed
- See references of WO 9528360A1

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