Title (en)

CONVEYOR FOR TRANSPORTING WORK PIECES IN A PRESS

Title (de)

FÖRDEREINRICHTUNG ZUM TRANSPORT VON WERKSTÜCKEN IN EINER PRESSE

Title (fr)

CONVOYEUR DESTINE A TRANSPORTER DES PIECES A TRAVAILLER DANS UNE PRESSE

Publication

EP 1689540 B1 20090114 (EN)

Application

EP 04797267 A 20041125

Priority

- CH 2004000710 W 20041125
- CH 0300780 W 20031125

Abstract (en)

[origin: WO2005051563A1] A conveyor for transporting work pieces in a press, in particular a press line or multiple-die press, from a first station to a second station adjacent to the first station, comprises at least one lateral beam (300, 400) arranged on a side of the press, essentially extending parallel to a transport direction of the conveyor (52), at least one bar (500) having grippers (502) for gripping the work piece to be transported, whereby the bar (500) is attached to the lateral beam (300, 400) in such a way that it is movable along a longitudinal extension of the beam (300, 400); and for each lateral beam (300, 400) an assembly (100, 200) for supporting the lateral beam (300, 400). The assembly (100, 200) comprises a pivoting mechanism (106, 107, 108, 109, 301, 302) for pivoting the lateral beam (300, 400) around a horizontal pivotal axis perpendicular to the transport direction, and the grippers (502) are rotatably movable for at least compensating a change of orientation of the work piece due to the pivoting of the lateral beam (300, 400).

IPC 8 full level

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CPC (source: EP KR)

B21D 43/04 (2013.01 - KR); **B21D 43/05** (2013.01 - EP KR); **B21D 43/10** (2013.01 - KR); **B21D 43/105** (2013.01 - EP)

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