

Title (en)
Power transmission for press machine

Title (de)
Kraftübertragung für Presse

Title (fr)
Transmission de puissance pour presse

Publication
EP 1223027 A2 20020717 (EN)

Application
EP 01128165 A 20011127

Priority
JP 2001003266 A 20010111

Abstract (en)
A press machine comprises: a first and a second sliders (34,40) disposed on a frame (14) at a vertical interval from each other so as to move vertically; a connection (32) connecting the first slider with an eccentric portion of a crankshaft (16); a pair of linking pieces (36a,36b) pivotally connected with each other so as to bend, of which one and the other are respectively pivotally connected with said first and second sliders; a pair of second linking pieces (38a,38b) pivotally connected with each other so as to bend, of which one and the other are respectively pivotally connected with a slide (20) and a balancing weight (56); and a position adjusting mechanism (42) for adjusting the height position of the second slider in the vertical direction, wherein either one of the first linking pieces is extended to the front end side more forward than the pivot connection point with the other to be pivotally connected with the second linking pieces. <IMAGE>

IPC 1-7
B30B 1/14; B30B 15/00

IPC 8 full level
B30B 15/06 (2006.01); **B30B 1/10** (2006.01); **B30B 1/14** (2006.01); **B30B 15/00** (2006.01)

CPC (source: EP)
B30B 1/14 (2013.01); **B30B 15/0035** (2013.01); **B30B 15/0064** (2013.01)

Cited by
EP1650015A1; US10850466B2

Designated contracting state (EPC)
CH DE LI

DOCDB simple family (publication)
EP 1223027 A2 20020717; EP 1223027 A3 20030115; EP 1223027 B1 20070110; DE 60125904 D1 20070222; DE 60125904 T2 20070705; JP 2002205197 A 20020723

DOCDB simple family (application)
EP 01128165 A 20011127; DE 60125904 T 20011127; JP 2001003266 A 20010111