

Title (en)  
MECHANICAL PRESS WITH DOUBLE CRANK DRIVE

Publication  
**EP 0356564 B1 19910605 (DE)**

Application  
**EP 88114345 A 19880902**

Priority  
EP 88114345 A 19880902

Abstract (en)  
[origin: EP0356564A1] In a mechanical press with double crank drive, the latter possesses a drive unit (1) comprising a flywheel (2), a hydraulic clutch/brake unit (4) equipped with a clutch shaft (3), a planet gear (5) and a crankshaft (6). In such a press, particularly compact dimensions and optimum force application are achieved if two mutually coaxial drive units (1), of identical design except for their mirror symmetry, are arranged between the two cranks (7), symmetrically to the median plane of the press, their clutch shafts (3) are combined at their mutually facing shaft ends (8) to form a single shaft, and their clutch/brake units (4) are fed by a shared central supply (9) of hydraulic medium. <IMAGE>

IPC 1-7  
**B30B 1/14; B30B 1/26**

IPC 8 full level  
**B30B 1/14** (2006.01); **B30B 1/26** (2006.01)

CPC (source: EP)  
**B30B 1/14** (2013.01); **B30B 1/266** (2013.01)

Cited by  
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**EP 0356564 A1 19900307; EP 0356564 B1 19910605**; AT E64119 T1 19910615; DE 3863178 D1 19910711; ES 2022965 B3 19911216

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