

Title (en)  
STRIKING DEVICE

Publication  
**EP 0447552 A4 19911218 (DE)**

Application  
**EP 90901091 A 19890711**

Priority  
SU 8900189 W 19890711

Abstract (en)  
[origin: WO9100952A1] In a striking device the striking mechanism (1) is provided with a means (32) intended for its elastic resilient connection with the working machine and rigidly secured on a casing (3) of the striking mechanism (1) in a plane which is perpendicular to its longitudinal axis and passes through the stroke center (0). The first chamber (21) of a valve distribution mechanism (2) is connected to the discharge line (25) through an annular groove (23). Said annular groove (23) is made on the internal surface of the casing (3) of the striking mechanism (1), which forms an overflow chamber (13), and is located farther along the axis from the first chamber (4) than a channel (28) which is provided in said casing (3) to connect the overflow chamber (13) to the second chamber (22) of the valve distribution mechanism (2), whose inlet channel (30) contains a unidirectional restrictor valve (31). The working instrument (11) at 'idle strokes' interacts with the casing (3) of the striking mechanism (1) through a hydraulic shock absorber (46).

IPC 1-7  
**E21C 3/20**; **B25D 9/18**

IPC 8 full level  
**B25D 9/14** (2006.01); **B25D 17/24** (2006.01); **B25D 17/28** (2006.01); **E21B 1/26** (2006.01); **E21C 37/24** (2006.01)

CPC (source: EP)  
**B25D 9/145** (2013.01); **B25D 17/245** (2013.01); **B25D 17/28** (2013.01)

Citation (search report)

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- See references of WO 9100952A1

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Designated contracting state (EPC)  
DE FR GB IT SE

DOCDB simple family (publication)  
**WO 9100952 A1 19910124**; EP 0447552 A1 19910925; EP 0447552 A4 19911218; NO 912078 D0 19910529; NO 912078 L 19910723

DOCDB simple family (application)  
**SU 8900189 W 19890711**; EP 90901091 A 19890711; NO 912078 A 19910529