

Title (en)
Hydraulic clamping device.

Title (de)
Hydraulische Spannvorrichtung.

Title (fr)
Dispositif de bridage hydraulique.

Publication
EP 0445051 A1 19910904 (FR)

Application
EP 91420067 A 19910227

Priority
FR 9002761 A 19900228

Abstract (en)
The jaw (4) is carried by a mobile protective casing (3) which surrounds the control rod (21) such that it is lowered after the said casing has arrived at the end of its travel while the rod mentioned above continues its longitudinal travel. The axial connection between the casing and the rod is operated by means of a split ring (5) capable of retracting radially during the clamping. <IMAGE>

Abstract (fr)
Le mors (4) est porté par un carter mobile de protection (3) qui enveloppe le doigt de commande (21) de sorte qu'il est abaissé après que ledit carter soit arrivé en fin de course alors que le doigt précité poursuit sa course longitudinale. La liaison axiale entre le carter et le doigt est opérée à l'aide d'un anneau fendu (5) apte à s'escamoter radialement lors du bridage. <IMAGE>

IPC 1-7
B23Q 3/08; B25B 5/06; B30B 15/02

IPC 8 full level
B23Q 3/08 (2006.01); **B25B 5/06** (2006.01); **B25B 5/08** (2006.01); **B30B 15/02** (2006.01)

CPC (source: EP)
B25B 5/061 (2013.01); **B25B 5/064** (2013.01); **B25B 5/087** (2013.01); **B30B 15/026** (2013.01)

Citation (search report)
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AT BE CH DE ES FR GB IT LI NL

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EP 0445051 A1 19910904; EP 0445051 B1 19930908; AT E94109 T1 19930915; DE 69100338 D1 19931014; DE 69100338 T2 19940310; ES 2046029 T3 19940116; FR 2656819 A1 19910712; FR 2656819 B1 19921023

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