

Title (en)
TOOL EXTENDER FOR MACHINING APPLICATIONS

Title (de)
WERKZEUGVERLÄNGERUNG FÜR BEARBEITUNGSVERFAHREN

Title (fr)
PROLONGATEUR D'OUTIL POUR APPLICATIONS D'USINAGE

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Application
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• SE 9301632 A 19930512

Abstract (en)
[origin: WO9426448A1] A tool extender for machining machines consisting of an extender body (6) arranged to, in a known manner, be fixed in for instance a chuck (4) in a tool machine and provided with a holding means for a tool (15) in the form of a sort of hydraulic gripping bushing with an internal thin, unslotted sleeve (8), which is very precisely centered and fixed, specially welded in an axial hole (7) on the end of the extender, in such a way that a thin gap is created between the hole (7) of the extender and the gripping sleeve (8), which gap is filled with a plastic or elastic pressure medium (11) being arranged to be pressurized and depressurized with a suitable means (13), whereby a tool (15) with adjusted dimension is fastened in and detached from the extender.

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