

Title (en)
ANGLE GRINDER

Title (de)
WINKELSCHLEIFER

Title (fr)
MEULEUSE D'ANGLE

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Application
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Abstract (en)
[origin: DE10000702A1] The invention relates to an angle grinder comprising a housing (2) which can be more economically produced due to the fact that it comprises an assembly shell (3), a cover shell (4) and an insert (1) that is arranged between these shells. The insert (1) is provided with a first fixing device (10) and a second fixing device (11) to be fixed between the assembly shell (3) and the cover shell (4), and is provided with a spindle lock receiver (12) and a spindle bearing receiver (13). The assembly shell (3) comprises a first fixing means (30) in which the first fixing device (10) of the insert (1) engages. The cover shell (4) comprises a second fixing means (40) which engages in the fixing device (10) of the insert (1). The insert (1) also comprises a second fixing device (11) which, via corresponding means, can be mounted on the assembly shell (3) and the cover shell (4).
[origin: DE10000702A1] An insert (1) between the two housing (2) shells (3) close to the drive gearing (1) reinforces the housing, is fitted between the shells by fixers (10,11) and has a spindle mounting (130) presenting a blind hole and/or a continuous bore (120). The mounting and socket lie parallel to one another in the main grinder body which in turn has a break (140) at right angles to the continuous bore (120). The grinder arm (15) presents a double-tee section to ensure the two shell fixers locate in recesses provided in the arm fixer.

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