

Title (en)
EXPANDING TOOL FOR HOLLOW WORK PIECES

Publication
EP 0499094 A3 19921007 (DE)

Application
EP 92101508 A 19920130

Priority
DE 4104205 A 19910212

Abstract (en)
[origin: EP0499094A2] An expanding tool (1) for hollow work pieces has a basic tool body (2) with an expanding mandrel (13) which can be displaced by a drive. A holding device (5) concentrically surrounding the expanding mandrel carries an interchangeable expansion head (6) with expanding jaws (14) mounted in a radially movable manner in a screw cap (16). The holding device (5) is mounted in the basic tool body (2) in such a way that it can be adjusted longitudinally in the direction of the axis (A-A) of the expanding mandrel (13) by means of a threaded extension (8) and has an annular flange (11) as a stop (10) for the expansion head. The holding device (5) is fixed relative to the basic tool body (5) by a locking device. To bring about a simple, reliable and reproducible pre-adjustment, the holding device (5), in its annular flange (11) on a circle concentric to the axis (A-A), has index bores for an index pin (29) which is mounted in the basic tool body (2). <IMAGE>

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B21D 39/20

IPC 8 full level
B21D 39/20 (2006.01); **B21D 41/02** (2006.01)

CPC (source: EP US)
B21D 41/026 (2013.01 - EP US)

Citation (search report)
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