

Title (en)
INTERCHANGEABLE AND SECURE SWAGING TOOL

Title (de)
AUSTAUSCHBARES UND SICHERES QUETSCHWERKZEUG

Title (fr)
OUTIL DE SERTISSAGE INTERCHANGEABLE ET SUR

Publication
EP 0833707 B1 20000419 (EN)

Application
EP 96920469 A 19960524

Priority

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- US 45227395 A 19950526
- US 45226995 A 19950526

Abstract (en)
[origin: WO9637318A1] An interchangeable and secure swaging tool (10) for compressing a swage fitting (12) having a sleeve (28) onto a tube (14) includes: (i) a housing (16) defining a partially enclosed chamber (40); (ii) a movable element (18), typically a piston disposed within the chamber (40) and movable between a retracted position (102) and an extended position (104); (iii) a housing jaw (20) affixed to the housing (16); (iv) a movable jaw (22) attached to the movable element (18), movement of the movable element (18) from the retracted position (102) to the extended position (104) causes the movable jaw (22) to approach the housing jaw (20) along a fixed axis; and (v) first and second swaging adapters (24, 26). One swaging adapter is disposed in each jaw. The first swaging adapter (24) retains the sleeve (28) while the second swaging adapter (26) induces a radial swaging force to the sleeve (28) when the movable element (18) is moved from the retracted position (102) towards the extended position (104). At least one of the swaging adapters (24, 26) is removably attached to one of the jaws (20, 22) so that a different swaging adapter can be used for different types, styles or sizes of swage fittings.

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