

Title (en)
SWAGING TOOL

Publication
EP 0376136 A3 19910109 (EN)

Application
EP 89123511 A 19891220

Priority
US 29100388 A 19881227

Abstract (en)
[origin: EP0376136A2] A swaging tool (10) is provided for swaging a fitting and joining two tubes together, especially fittings in difficult-to-access areas. A removable head (60) of the tool (10) holds a first die (20) stationary with respect to a second die (18) moved toward the first die (20) by a double piston arrangement within the tool cylinder (53). The head (60) is slideably removable directly from the cylinder (53) by a tongue (76) and groove configuration on the head (60) and cylinder (53), respectively, which further includes head alignment means to ensure proper orientation of the dies (18, 20).

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B21D 39/04

IPC 8 full level
B21D 39/04 (2006.01); **B21K 25/00** (2006.01)

CPC (source: EP KR)
B21D 39/00 (2013.01 - KR); **B21D 39/046** (2013.01 - EP); **B21K 5/00** (2013.01 - KR)

Citation (search report)
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• [X] US 3823597 A 19740716 - HANBACK F, et al
• [Y] DE 2634569 A1 19770217 - CCL SYSTEMS LTD
• [Y] US 3771343 A 19731113 - DAWSON J
• [A] US 4276765 A 19810707 - YONEDA RIKIZO
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EP1789229A4; CN108380766A; GB2522241A; EP2896468A3; AU2006244052B2; US7299674B2; WO2006122138A1

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