

Title (en)
APPARATUS FOR ENLARGING TUBE ENDS

Publication
EP 0240022 A3 19900228 (DE)

Application
EP 87104897 A 19841221

Priority
DE 3408070 A 19840305

Abstract (en)
[origin: ES8606034A1] A flaring device for pipe ends including an insert member centrally insertable into a pipe end, the insert member having mounted thereon synchronously operable pressure plungers arranged at the outer circumference thereof and bringable into engagement with the inner circumference of the pipe end to be flared, includes a calibrating ring for determining a maximum outer circumference defined by the pressure plungers mounted on the insert member, the calibrating ring being in operative engagement with the insert member.

IPC 1-7
B21D 41/02

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

CPC (source: EP US)
B21D 41/02 (2013.01 - EP US)

Citation (search report)

- [AD] DE 2944435 A1 19810514 - POHLER CARL LUDWIG
- [AD] GB 2066122 A 19810708 - VICKERS LTD
- [A] US 3795035 A 19740305 - POGONOWSKI I

Designated contracting state (EPC)
DE

DOCDB simple family (publication)
EP 0240022 A2 19871007; EP 0240022 A3 19900228; AT E35921 T1 19880815; DE 3408070 A1 19850905; DE 3472904 D1 19880901; EP 0154030 A1 19850911; EP 0154030 B1 19880727; ES 540944 A0 19860416; ES 8606034 A1 19860416; FI 844976 A0 19841217; FI 844976 L 19850906; JP H0478370 B2 19921211; JP S60206543 A 19851018; NO 163476 B 19900226; NO 163476 C 19900606; NO 850752 L 19850906; US 4667500 A 19870526; ZA 851610 B 19851030

DOCDB simple family (application)
EP 87104897 A 19841221; AT 84116152 T 19841221; DE 3408070 A 19840305; DE 3472904 T 19841221; EP 84116152 A 19841221; ES 540944 A 19850305; FI 844976 A 19841217; JP 4253385 A 19850304; NO 850752 A 19850225; US 70604785 A 19850227; ZA 851610 A 19850304