

Title (en)
Manufacture of tubular components.

Title (de)
Herstellung rohrförmiger Bauteile.

Title (fr)
Fabrication d'éléments tubulaires.

Publication
EP 0188086 A2 19860723 (EN)

Application
EP 85308921 A 19851209

Priority
GB 8500785 A 19850112

Abstract (en)
A method and apparatus for push-pointing a tube so as to produce a smaller diameter end portion includes means for sizing and finishing the reduced diameter portion utilizing a headed mandrel located in the tube and withdrawn through the reduced diameter portion whilst the latter is engaged in the push-pointing die. Figure 5 shows the push-pointing step completed, and the mandrel engaged with the die ready to begin the internal sizing operation.

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IPC 8 full level
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CPC (source: EP)
B21C 5/00 (2013.01); **B21C 5/003** (2013.01); **B21D 41/04** (2013.01); **B21K 21/12** (2013.01)

Cited by
US7062948B2; DE102016124995A1; ITMI20092155A1; EP2161083A3; CN102500711A; CN105500012A; US5546647A; ES2093545A1; CN114413531A; US7895875B2; WO2008028059A1; WO9422634A1; WO2004026502A1; DE102016124995B4; US11235372B2

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