

Title (en)
APPARATUS FOR THE CONTINUOUS HOT-FORMING OF METALLIC PIPE BENDS

Publication
EP 0043335 B1 19840125 (FR)

Application
EP 81420095 A 19810626

Priority
FR 8014362 A 19800627

Abstract (en)
[origin: EP0043335A1] 1. Apparatus for the continuous hot production of curved tubular metal elements, in particular of steel, comprising a mandrel having a straight cylindrical shank (1) which is extended at its end by a curved shaping section (2), a means (3) for heating the blanks, at the vicinity of the end of the mandrel shank and means for fitting and pushing blanks on the mandrel, characterized in that it comprises, on the straight mandrel shank, upstream of the heating means, a ring (4) which surrounds the mandrel shank and which comprises at least one cylindrical bearing surface (5) having the same axis as the mandrel shank, the diameter of said surface (5), which is larger than the diameter of the mandrel shank, being at least equal to the nominal inside diameter of the tubular blanks which are fitted onto and pushed on the mandrel.

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B21D 9/12

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