

Title (en)
METHOD OF MAKING AXLES

Publication
EP 0044783 B1 19830727 (FR)

Application
EP 81401142 A 19810720

Priority
FR 8016107 A 19800722

Abstract (en)
[origin: EP0044783A1] 1. Process for producing axles, especially of railway rolling stock, by forging in a mould (9, 10, 13, 14) a heated blank (8) of a diameter less than the largest diameter of the axle to be produced, characterised in that at least some of the blank (8) is heated to a temperature of between 1 100 degrees and 1 300 degrees C, preferably near 1 260 degrees C, in that the axle has two spindles (f1 , f2), and in that forging includes a simultaneous operation of upsetting the central parts (c, pc, pd) of the axle and extruding at least one of the two spindles (f1 , f2), this simultaneous operation being carried out as a result of a movement towards the centre of the axle of at least one ring (13, 14) forming part of the mould, this movement being produced by means of a single press stroke.

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IPC 8 full level
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Cited by
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