

Title (en)
METHOD AND APPARATUS FOR PRODUCING A CORRUGATED TUBE

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Application
EP 89730016 A 19890124

Priority
DE 3807002 A 19880301

Abstract (en)
[origin: EP0331613A2] The invention relates to a method for producing a helically profiled hollow body from a metallic material, in which a rotatably mounted drawing die having obliquely cut grooves is made to act on a cold hollow body with a smooth cylinder wall and the cross-section of the hollow body is reduced in the process. In order to provide a method and a device with which it is possible to produce in a simple and economical manner a thin-walled tube having a twisted profile over the entire wall thickness, it is proposed that to produce a tube which, in cross-section, has a corrugated profile over the entire wall thickness, a smooth tube with an s/D ratio in the range from 0.015 to 0.080 is drawn to a smaller diameter through the rotatably mounted drawing ring having obliquely cut grooves, the length of the envelope curve of the outer profile of the profiled tube being approximately equal to the circumference of the smooth tube and the wall thickness remaining virtually unaltered.

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IPC 8 full level
B21C 37/20 (2006.01)

CPC (source: EP)
B21C 37/207 (2013.01)

Citation (search report)

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