

Title (en)
ASSEMBLING METHOD

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Application
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Priority
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Abstract (en)
[origin: EP0374407A2] The invention relates to an assembling method for drive or coupling elements - such as cams, gears, crank webs - or bearing elements - such as plain bearing bushes or complete antifriction bearings on tubes or tube sections - by hydraulic expansion for producing built-up camshafts, transmission shafts, crankshafts or the like. The tubes are here expanded solely in the area of the respective elements beyond the elastic limit towards permanent elastic pretension in the elements. To relieve the seals adjoining the areas to be expanded, a counterpressure lying above the ambient pressure is produced according to the invention in the intermediate or end areas. <IMAGE>

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Citation (search report)
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