

Title (en)
PROCESS AND DEVICE FOR SHAPING SOCKET ENDS ON PLASTIC PIPES

Title (de)
VERFAHREN ZUM HERSTELLEN VON ENDMUFFEN AN KUNSTSTOFFROHREN UND VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)
PROCEDE ET DISPOSITIF DE FABRICATION DE MANCHONS AU BOUT DE TUBES EN PLASTIQUE

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Application
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Abstract (en)
[origin: WO9748545A1] A process is disclosed for shaping socket ends (2) on plastic pipes (1) from hot-deformable plastics, in particular polyolefines or PVC. An area at the end of the pipe (1) having more or less the length of the socket is heated in a heating station up to or above its shaping temperature, is shaped in this state into a socket (2) by means of a socket-shaping tool (5) introduced into the pipe end (3) and is cooled down to a temperature lower than its hot-shaping temperature before and/or after the socket-shaping tool (5) is removed. Clamping devices (13, 14) which engage the pipe wall from inside and outside while enabling the socket-shaping tool to be introduced into the pipe retain the pipe (1) by the outer end of the socket area (2) to allow the socket-shaping tool (5) to be introduced into the pipe, and so the socket area is drawn and not pushed over the socket-shaping tool (5). A device for carrying out this process is also disclosed.

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