

Title (en)
INSTALLATION FOR HANDLING AND POSITIONING A SOCKET CORE IN A CENTRIFUGAL CASTING MACHINE FOR CASTING IRON PIPES HAVING A SOCKET

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Application
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Priority
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Abstract (en)
[origin: ES8403761A1] A support stirrup 7 is rotatably mounted by horizontal shaft 8 at one end of a machine for centrifugally casting iron pipes 41 having end sockets 42a in a chill-mould 1. A ring assembly 31, CL is mounted between the arms of the stirrup for rotation about an axis Z-Z perpendicular to the shaft axis, but the plane of the assembly is tilted from its rotation axis by an acute angle D via an offset arm 34. With the stirrup raised to an intermediate position and the ring assembly rotated 90 DEG (FIGS. 3, 6) an operator can easily and safely mount a relatively heavy socket core 36 to the ring assembly, whereafter the latter is reverse rotated 90 DEG and the stirrup lowered to position the core in the end of the mould (FIGS. 1, 4). The stirrup can be fully raised (FIG. 2) to enable pipe extraction and visual inspection during casting.

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IPC 8 full level
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