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Process for the manufacture of substantially hollow-cylindrical castings, and a substantially hollow-cylindrical casting

Abstract

For the manufacture of substantially hollow-cylindrical castings (5), especially leading-in insulators for conductors under high voltage, a more or less liquid casting material (50) is introduced into a substantially hollow-cylindrical casting mould (2) that is driven in rotation. Before the introduction of the casting material, the casting mould is heated to a temperature above the gelling temperature of the casting material. The casting mould (2) filled with casting material (50) is driven in rotation until a casting (5) that is substantially set solid has been formed. The casting so formed is then removed from the casting mould. Before the introduction of the casting material into the casting mould, however, a substantially hollow-cylindrical mesh fabric (1) is introduced into the heated casting mould (2) concentrically to the axis of rotation (22*) thereof, and only then is the casting material (50) introduced into the casting mould (2).

(Fig. 3)

*Translator's note: please see note on page 10.