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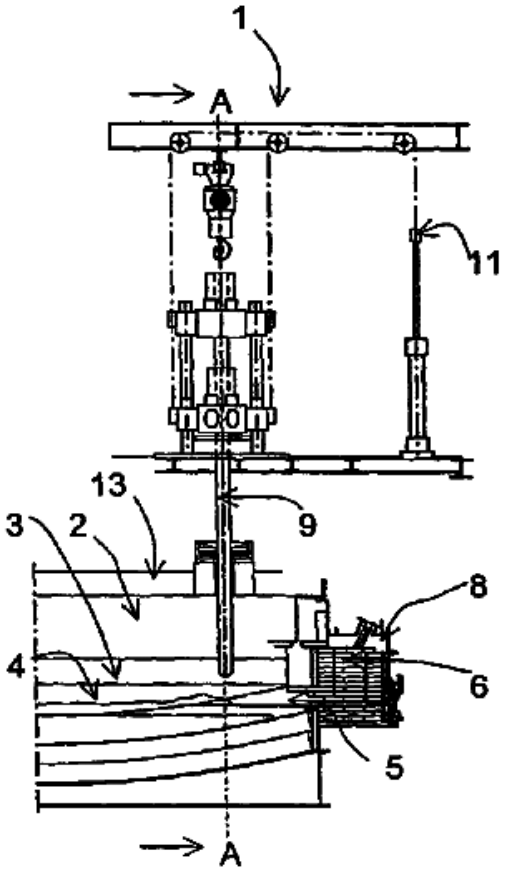
(57) Abstract: The invention relates to an arrangement (1, 12, 16) for continuously tapping a molten phase, such as matte, from a smelting furnace, such as a flash smelting furnace, said arrangement comprising a matte tapping hole (5) provided in the furnace wall for discharging the molten phase from the furnace, an overflow tank (6) for receiving the molten phase (4), and an overflow edge (8) provided in the overflow tank for discharging the molten phase, so that in the smelting furnace, in the vicinity of the matte tapping hole (5), there can be arranged at least one heat-producing element (9, 15) in order to prevent the molten phase from being solidified. In addition, the invention relates to a method for continuously tapping a molten phase, such as matte, from a smelting furnace, such as a flash smelting furnace, according to which method the molten phase is discharged from the furnace through a matte tapping hole (5) provided in the furnace wall to an overflow tank (6), provided with an overflow edge (8) for discharging the molten phase, so that in the smelting furnace, in the vicinity of the matte tapping hole (5), there is arranged at least one heat-producing element (9, 15) in order to prevent the molten phase from being solidified.



Drawing Sheets. 03 **(FIG.04)**
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