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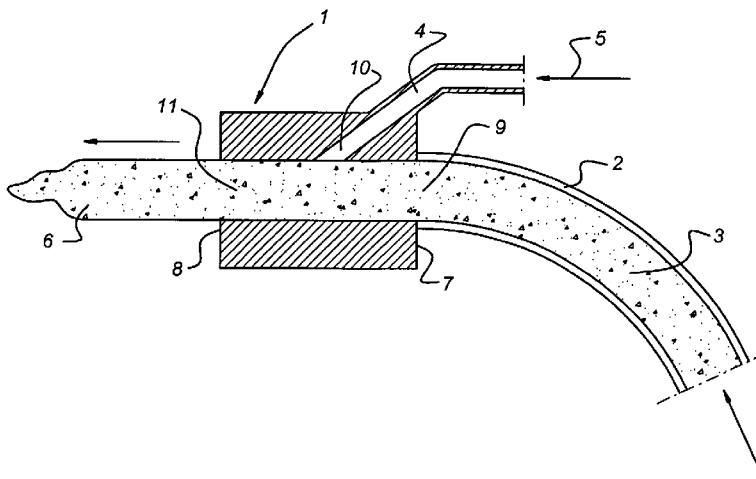
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(54) Title: METHOD FOR USING A SPRAY NOZZLE TO SPRAY ON A LAYER OF PLASTER, AND TUNNEL OR VIADUCT PROVIDED WITH A LAYER OF PLASTER OF THIS TYPE



(57) Abstract: The invention relates to a method for using a spray nozzle to spray on a layer of plaster, in which a plaster mixture and a pressurized gas, such as air, are fed to the spray nozzle under pressure and the gas and plaster mixture are brought together in the spray nozzle in order to be sprayed out of the nozzle. The plaster mixture comprises a phyllosilicate, in particular vermiculite, cement and water. The plaster mixture has a density of approximately 690 to 860 kg/m³ before it reaches the spray nozzle. The plaster mixture is under a pressure of 4 to 4.7 bars on the entry of the spray nozzle. The gas is at a pressure of 4 to 7 bars on the entry side of the spray nozzle. During the spraying operation, the spray nozzle is held at a distance of 1.0 m to 2.5 m from the substrate which is to be provided with a layer of plaster. The invention is also relates to a tunnel viaduct provided with a layer of plaster sprayed on using the method according to the invention or with a fireproof layer applied using the method as described in claim 13.