

Title (en)
SYSTEM AND METHOD FOR SPRAYING LIGHTWEIGHT INSULATING CONCRETE

Title (de)
SYSTEM UND VERFAHREN ZUM SPRÜHEN VON LEICHTEM ISOLIERBETON

Title (fr)
SYSTÈME ET PROCÉDÉ DE PROJECTION DE BÉTON LÉGER D'ISOLATION

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Abstract (en)
[origin: WO2017001734A1] The invention relates to a method for coating a support (2) using a lightweight insulating concrete (3), said method comprising operations consisting in: preparing the concrete (3) by mixing pre-determined ratios of at least one fibrous aggregate, a binder and water; pouring the concrete (3) thus prepared into a drum (6) equipped with at least one outlet hole; continuously circulating the wet concrete (3) through the drum (6) as far as the hole or each outlet hole; sucking the wet concrete (3) through a supply pipe (45A, 45B) that connects the outlet hole of the tank (6) to a spray nozzle (40), by means of a venturi that forms part of the spray nozzle (40) and is supplied with compressed air; and spraying the wet concrete (3) that has been sucked through the pipe onto the support (2) using the spray nozzle (40).

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