

Title (en)

NOZZLE DEVICE FOR PRODUCING A THREE-DIMENSIONAL COMPONENT, AND METHOD

Title (de)

DÜSENVORRICHTUNG ZUM HERSTELLEN EINES DREIDIMENSIONALEN BAUTEILS UND VERFAHREN

Title (fr)

ENSEMBLE BUSE POUR PRODUIRE UN ÉLÉMENT DE CONSTRUCTION TRIDIMENSIONNEL ET PROCÉDÉ

Publication

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Application

**EP 21769340 A 20210812**

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Abstract (en)

[origin: WO2022033636A2] The invention relates to a nozzle device (100) for producing a three-dimensional component from a material, in particular a shotcrete component made of concrete, to a material application system (1), to a manufacturing system (200), and to a method for producing a three-dimensional component from a material, in particular a shotcrete component made of concrete. In particular, the invention relates to a nozzle device (100) for producing a three-dimensional component from a material, in particular a shotcrete component made of concrete, comprising a nozzle unit (101) with a material guide (102) which has a material inlet (104) for introducing a material, in particular a concrete, and a nozzle element (106) which is fluidically coupled to the material inlet (104) for depositing the material, in particular the concrete, said nozzle element being arranged on the nozzle unit (101) in a preferably replaceable manner.

IPC 8 full level

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