

Title (en)
PRINTING METHOD AND PRINTING SYSTEM

Title (de)
DRUCKVERFAHREN UND DRUCKSYSTEM

Title (fr)
PROCÉDÉ D'IMPRESSION ET SYSTÈME D'IMPRESSION

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Abstract (en)
[origin: WO2020193611A1] The invention relates to a printing method for forming a continuous strand (ST) of building material (BS) for 3D printing a construction element (BWT) by means of a printing system (20), - the printing system (20) comprising: - a printing device (1), the printing device (1) being designed to discharge building material (BS) from the printing device (1) and to shape building material (BS) to form a strand (ST) of building material (BS), and - a discontinuous building material pump (23), the discontinuous building material pump (23) being designed for the discontinuous delivery of building material (BS) for discontinuous discharging of building material (BS) delivered from the printing device (1), - the printing method comprising the following steps: - a) discontinuously delivering building material (BS) by means of the discontinuous building material pump (23) and discontinuously discharging building material (BS) delivered from the printing device (1) and shaping building material (BS) delivered by means of the printing device (1), and - b) discontinuously moving the printing device (1) during discontinuous delivery and discontinuous discharging in such a way that the discharged and shaped building material (BS) forms a continuous strand (ST) of building material (BS).

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