

Title (en)
CLIMBING SYSTEM AND METHOD FOR OPERATING A CLIMBING SYSTEM

Title (de)
KLETTERSYSTEM UND VERFAHREN ZUM BETRIEB EINES KLETTERSYSTEMS

Title (fr)
SYSTÈME GRIMPANT ET PROCÉDÉ POUR FAIRE FONCTIONNER UN SYSTÈME GRIMPANT

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Abstract (en)
[origin: WO2019155055A1] The invention relates to a climbing system (100, 110), in particular a self-climbing formwork system, comprising at least one climbing rail (10) which is guided on at least two climbing shoes (38), wherein the climbing shoes (38) can be fastened on and/or in a cured concreting section (50), and wherein the climbing shoes (30) are designed to guide the climbing rail (10) and/or to hold it at least with respect to a climbing direction (K), and an actuator (16). The invention is characterized in that the at least one climbing rail (10) has at least a first and a second rail part (12, 14), wherein the first and the second rail part (12, 14) are arranged one behind the other as viewed in the climbing direction (K), in that the first and the second rail part (12, 14) can each be guided and held by means of one of the climbing shoes (38), and in that the actuator (16) is designed to selectively increase or reduce the distance (d) between the first and the second rail part (12, 14) along the climbing direction. The invention further relates to a method for operating a climbing system (100, 110). The invention opens up a novel climbing principle for climbing systems (100, 110) and thus allows, inter alia, continuous climbing for example along a cured concreting section (50).

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