

Title (en)

METHOD AND ARRANGEMENT FOR AUTOMATIC MIXING OF WATER AND CONCRETE FOR ROCK BOLTING

Title (de)

VERFAHREN UND ANORDNUNG ZUM AUTOMATISCHEN MISCHEN VON WASSER UND BETON ZUR GEBIRGSVERANKERUNG

Title (fr)

PROCEDE ET INSTALLATION DE MELANGE AUTOMATIQUE D'EAU ET DE BETON POUR VISSAGE DANS LA ROCHE

Publication

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Application

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Abstract (en)

[origin: WO2006001743A1] Method and arrangement for automatic mixing of water and concrete for rock bolting including adding water and concrete to a mixing vessel (1), mixing the water and concrete, and transferring the water and concrete to a drill hole(2). Water amount and concrete amount for the mixture of water and concrete is calculated in a control unit (3), that the calculated water amount is added to the mixing vessel (1), that the in the reality added water amount is weighed (4), that the calculated concrete amount is corrected considering the in the reality added water amount to obtain a correct mixture of water and concrete, that concrete and water are mixed during a predetermined time, and in that the mixture of water and concrete is transferred to a drill hole (2).

IPC 8 full level

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