

Title (en)
SEALING SYSTEM

Title (de)
ABDICHTUNGSSYSTEM

Title (fr)
SYSTÈME D'ÉTANCHÉITÉ

Publication
EP 3004464 B1 20191030 (DE)

Application
EP 14728187 A 20140604

Priority
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• EP 2014061588 W 20140604

Abstract (en)
[origin: WO2014195362A1] Sealing of bed and bank regions of a body of water in a water-conducting state. In order to provide a seal which is suitable for different throughflow quantities, a sealing system (10) has a working platform (12) which is arranged above a water region (24) of a region (26) of a body of water to be sealed. A first feeding device (14) outputs webs of a flexible concrete formwork cover (30) on a working area (28). The webs are connected by way of a connecting device (16) to produce a continuous sealing surface (33). A lowering ramp (18) is fastened with a first end (34) to the working platform and can be lowered in the direction of the bottom of the body of water with a second end (36) which lies opposite the first end, in order to extend obliquely downwards in the lowered state (P7). The lowering ramp assists the sealing surface during the introduction into the water and during the depositing on the bottom of the body of water. A second feeding device (20) introduces a concrete material into cavities in a central region (38) of the concrete formwork cover which is situated on the lowering ramp, in order to lower the concrete formwork cover over the lowering ramp until contact on a bottom surface (40) of a body of water. The working platform is moved along the body of water by way of a movement device (22).

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