

Title (en)
IMPROVED WATERSTOP BARRIER DEVICE

Title (de)
VERBESSERTE DICHTUNGSVORRICHTUNG

Title (fr)
DISPOSITIF A BANDE D'ARRET D'EAU AMELIORE

Publication
EP 1015708 A1 20000705 (EN)

Application
EP 99935652 A 19990715

Priority
• US 9916181 W 19990715
• US 11692698 A 19980716

Abstract (en)
[origin: WO0004247A1] A waterstop barrier device (10) providing a continuous liquid tight diaphragm between an existing concrete section (12) and a newly poured concrete section (14). The waterstop barrier device (10) includes a base (16) having a first sidewall (18) and a second sidewall (19). The sidewalls (18, 19) extend downwardly from an upper end of the base (16). The first side wall (18) is secured to the existing concrete section (12) so that the upper end of the base (16) is positioned in generally co-planar relationship with an upper surface of at least one of the concrete sections. The upper end of the base (10) restricts entry of liquid into the joint area (17) between adjacent concrete sections. The waterstop barrier device (10) further includes at least one arm (50) projecting laterally outwardly from the second sidewall (19). The arm (50) is spaced below the upper end of the base (16), and includes at least one waterstop element (56) projecting outwardly from the arm (50) for channeling liquid away from the joint area (17).

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E04B 1/682; **E04B 1/68**

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
See references of WO 0004247A1

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