

Title (en)
Sharp-edged drainage channel

Title (de)
Abwasserrinne mit scharfkantigem Rand

Title (fr)
Caniveau ayant bords à arête vive

Publication
EP 2778305 B1 20181031 (EN)

Application
EP 14158659 A 20140310

Priority
DK PA201370143 A 20130311

Abstract (en)
[origin: EP2778305A1] The invention describes a drainage channel (301) for casting into a floor, wherein the drainage channel (301) is adapted along its longitudinal direction to conduct drain water towards a drain, and wherein the drainage channel (301) includes at least one concrete anchor (305) for fastening in the cast floor, and a concave shell form (303) including at least one upper edge (307) extending in longitudinal direction of the drainage channel, the upper edge (307) bordering the cast floor and which by casting of the drainage channel into the floor is located at or immediately under the surface level of the floor. The edge (307) is sharp-edged (311) at a transition to an interface (315a, 315b) towards the floor, the interface being approximately parallel with the longitudinal centre plane (313) of the drainage channel. It is thereby avoided that the epoxy-floor will have cracks if cast up to the drainage channel or that a possible joint will be damaged. This means that the sealing between floor and drainage channel will be maintained in intact condition such that it is avoided that dirt and contaminants can penetrate down between the cast floor and the drainage channel such that optimal hygiene cannot be maintained.

IPC 8 full level
E03F 3/04 (2006.01); **E01C 11/22** (2006.01)

CPC (source: EP)
E03F 3/046 (2013.01)

Citation (opposition)
Opponent : ACO Severin Ahlmann GmbH & Co Kommanditgesellschaft
• EP 2778305 A1 20140917 - BLÜCHER METAL AS [DK]
• DK PA201370143 A 20130311
• DK 177731 B1 20140505 - BLÜCHER METAL AS [DK]
• DE 102005030721 A1 20070104 - WIEDEMANN GMBH [DE]
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• EP 1170428 A1 20020109 - STEMAR GMBH [DE]
• EP 0893545 A2 19990127 - BLUECHER METAL HKT GMBH [DE]
• EP 0677622 A2 19951018 - WILHELM HAFNER GMBH [DE]

Cited by
JP6004600B1; DE102019126110A1; GB2522701A; EP3502367A1; EP2778305B1

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