

Title (en)

Branch connection

Title (de)

Abzweigverbindung

Title (fr)

Branchement de dérivation

Publication

EP 0950772 A2 19991020 (EN)

Application

EP 99302798 A 19990409

Priority

GB 9807895 A 19980409

Abstract (en)

A branch connection suitable for use in a manhole, an access chamber, a gully or a pipe junction. A main channel (2) of the connection communicates with a branch channel (8). The branch channel (8) is declivitous and has a cross-sectional shape that varies along its length. This reduce turbulence, back-flow and ponding. In another aspect, the main channel (2) is declivitous and is provided with a gradient greater than a feed pipe, to counteract decelerating effects upon fluid flow resulting from differences in diameter between the feed pipe and the main channel (2). In another aspect, the main channel is provided with an accelerating weir in a region where the branch channel (8) joins the main channel (2).
<IMAGE>

IPC 1-7

E03F 5/02

IPC 8 full level

E03F 3/04 (2006.01); **E03F 5/02** (2006.01); **E02D 29/12** (2006.01)

CPC (source: EP)

E02D 29/1463 (2013.01); **E03F 3/04** (2013.01); **E03F 5/02** (2013.01); **E03F 5/021** (2013.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0950772 A2 19991020; **EP 0950772 A3 20000315**; **EP 0950772 B1 20050810**; AT E301746 T1 20050815; DE 69922077 D1 20041230; DE 69922077 T2 20061130; GB 0203049 D0 20020327; GB 2336166 A 19991013; GB 2336166 B 20020724; GB 2369129 A 20020522; GB 2369129 B 20020724; GB 9807895 D0 19980610

DOCDB simple family (application)

EP 99302798 A 19990409; AT 99302798 T 19990409; DE 69922077 T 19990409; GB 0203049 A 19980409; GB 9807895 A 19980409