

Title (en)

IMPROVEMENTS IN AND RELATING TO THE LINING OF SEWERS, PIPES, OR THE LIKE

Publication

EP 0076283 B1 19861203 (EN)

Application

EP 82900980 A 19820408

Priority

GB 8111053 A 19810408

Abstract (en)

[origin: WO8203417A1] A method of removing obstructions from within a sewer or pipe system comprises introducing into a primary bore (20) of the system a water jetting device comprising at least one jet nozzle (7). An obstruction within the main bore (20) or at the orifice of a branch pipe (22) may be removed by directing from the jet nozzle (7) a high pressure water jet at a pressure sufficient to cut away the obstruction. When the obstruction is within the main bore (20) the jet nozzle (7) is located with its axis adjacent and approximately parallel to the internal circumference of the bore, and is pivoted about an axis coinciding with the central axis of the bore. When the obstruction is at the entry to the branch pipe (22) the axis of the nozzle (7) is located at right angles to the longitudinal axis of the bore (20) and is pivoted about the central axis of the branch pipe (22). The water jetting device is located within the sewer or pipe system by means of a sled or like guide means (1) and the movement of the jet nozzle (7) is effected by remotely controlled guide means under the supervision of a closed circuit television camera or other sensing means.

IPC 1-7

E03F 9/00; **B08B 9/04**

IPC 8 full level

E03F 7/00 (2006.01); **B08B 9/032** (2006.01); **B08B 9/043** (2006.01); **E03F 9/00** (2006.01)

CPC (source: EP)

E03F 9/00 (2013.01)

Citation (examination)

- "Renovation problems on smaller sewers", Municipal Engineer 25.3.80, p. 198
- "Money down the drain", Institution of public health engineers, Symposium 28.5.80

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DOCDB simple family (application)

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