

Title (en)

Fire hydrant with check valve.

Title (de)

Hydrant mit Rückschlagventil.

Title (fr)

Bouche d'incendie avec soupape à clapet.

Publication

**EP 0463702 A1 19920102 (EN)**

Application

**EP 91201621 A 19910624**

Priority

NL 9001434 A 19900622

Abstract (en)

A fire hydrant comprising a standpipe (1) with closable top outlet (2) and with an underside in communication with a pressure pipe for water or the like, a valve seat (9) arranged in the standpipe and at the underside thereof, a main valve (10), a valve stem (11) carried upward through the standpipe and control means arranged above the standpipe for moving the valve stem (11) up or down in order to release the main valve (10) and to respectively lift from and press it against the seat (9). Dirt collected in the standpipe (1) may, after use of the hydrant, enter the water supply pipe to which the hydrant is connected, endangering public health. To avoid this drawback the fire hydrant according to the invention comprises a check valve (20), freely movable and guided in the passage (5) of the standpipe between valve seat and pressure pipe. Preferably the check valve (20) is provided with an upper surface, being parallel the bottom of the main valve (10), the valve body is provided with one or more guiding members, like pins (21) protruding into the passage (5). <IMAGE>

IPC 1-7

**E03B 9/16**

IPC 8 full level

**E03B 9/02** (2006.01); **E03B 9/16** (2006.01)

CPC (source: EP)

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Citation (search report)

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