

Title (en)  
Height adjustable hydrant

Title (de)  
Höhenverstellbarer Hydrant

Title (fr)  
Prise d'eau ajustable en hauteur

Publication  
**EP 0717156 B1 20020821 (DE)**

Application  
**EP 95810794 A 19951213**

Priority  
CH 378994 A 19941214

Abstract (en)  
[origin: EP0717156A1] The hydrant is connected to an underground water pipe and has a riser with two telescoping parts (100,200). The lower part is a jacket (100) with an outer flange (104) at its upper end. The upper part is a riser which can slide inside the jacket, and which has radial grooves at intervals around its outer circumference. A spray ring (503) can be inserted into a chosen groove, and a sealing ring (504) slid against it, and the rings can be compressed between the flange on the jacket, and a tensioning flange (502) which can be placed over the riser. A two-part length-adjustable rod is also fitted to operate the main valve.

IPC 1-7  
**E03B 9/04**

IPC 8 full level  
**E03B 9/04** (2006.01)

CPC (source: EP)  
**E03B 9/04** (2013.01)

Cited by  
DE102013101463B4; EP2787131A1; DE102006022162B3; EP4245928A1; EP0791695A1; CH707858A1; WO2016114735A1; US10370832B2; DE202014101833U1; EP4187029A1; EP2472012A2

Designated contracting state (EPC)  
AT DE FR IT

DOCDB simple family (publication)  
**EP 0717156 A1 19960619; EP 0717156 B1 20020821**; AT E222626 T1 20020915; CH 689169 A5 19981113; DE 59510331 D1 20020926

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**EP 95810794 A 19951213**; AT 95810794 T 19951213; CH 378994 A 19941214; DE 59510331 T 19951213