

Title (en)

STREET COVER FOR VALVES FOR UNDERGROUND TUBES

Publication

EP 0120218 B1 19880107 (DE)

Application

EP 84100932 A 19840130

Priority

DE 3307017 A 19830228

Abstract (en)

[origin: US4548230A] A surface box for covering over and guarding the operating rod of a gate or other valve in underground piping has a tube-like supporting frame and a rod guard sleeve mounted therein so that it may be moved upwards and downwards in translation for adjustment, for which purpose it is supported by a thrust screw on the supporting frame. To keep the sleeve from being tilted sideways and the operating rod of the valve damaged, the rod guard sleeve is keyed in the supporting frame and is guided by at least one guide ridge in the frame.

IPC 1-7

E03B 9/10

IPC 8 full level

E03B 9/12 (2006.01); **E03B 9/10** (2006.01)

CPC (source: EP US)

E03B 9/10 (2013.01 - EP US); **Y10T 137/7014** (2015.04 - EP US); **Y10T 137/7017** (2015.04 - EP US); **Y10T 137/7021** (2015.04 - EP US)

Cited by

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Designated contracting state (EPC)

AT BE CH FR GB IT LI NL SE

DOCDB simple family (publication)

US 4548230 A 19851022; AT E31765 T1 19880115; DE 3307017 C1 19840620; EP 0120218 A2 19841003; EP 0120218 A3 19850925; EP 0120218 B1 19880107; ES 282920 U 19850701; ES 282920 Y 19860401; ES 286085 U 19851101; ES 286085 Y 19860601; JP S59213830 A 19841203; JP S628567 B2 19870224

DOCDB simple family (application)

US 57624084 A 19840201; AT 84100932 T 19840130; DE 3307017 A 19830228; EP 84100932 A 19840130; ES 282920 U 19841126; ES 286085 U 19840217; JP 2841884 A 19840216