

Title (en)
Gully cleaning device

Title (de)
Vorrichtung zum Reinigen von Sinkkästen

Title (fr)
Dispositif de nettoyage de puisards

Publication
EP 0763635 A1 19970319 (DE)

Application
EP 96113980 A 19960831

Priority
• DE 19532488 A 19950902
• DE 19547350 A 19951219
• DE 19616291 A 19960424

Abstract (en)
The device has a suction unit (7) for dirt removal, and appliances (10) to lift the sink cover (11) and replace it precisely in its seat. The appliances are located in a main frame (8), which is fastened to a vehicle (3). The frame also carries an extendable crossbar (9), and sensors for actual position detection for the lifting/replacing appliances. The device also has a cleaner for the cover seat. The lifting appliances contain a magnetic lifter, and there are also several raisable lockable hydraulic lifter heads.

Abstract (de)
Es wird eine Vorrichtung vorgeschlagen, die die Reinigung von Sinkkästen (2) vereinfacht und den Aufwand an Zeit und Personal hierbei reduziert. Dies wird erfindungsgemäß dadurch erreicht, das Mittel zum Anheben (10, 21) und zum paßgenauen Wiederablegen der Sinkkastendeckel vorgesehen werden. <IMAGE>

IPC 1-7
E03F 7/10

IPC 8 full level
E03F 5/04 (2006.01); **E03F 5/10** (2006.01); **E03F 7/10** (2006.01)

CPC (source: EP)
E03F 5/0401 (2013.01); **E03F 5/041** (2013.01); **E03F 2005/0415** (2013.01)

Citation (search report)
• [XY] DE 4328480 C1 19941124 - FRAUNHOFER GES FORSCHUNG [DE]
• [X] DE 7338188 U
• [Y] US 4789072 A 19881206 - QUAM DEAN R [US], et al
• [A] US 4928927 A 19900529 - FREDRICK WILLIAM R [US], et al

Cited by
CN109138142A

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0763635 A1 19970319; **EP 0763635 B1 20020417**; AT E216451 T1 20020515; DE 19654919 B4 20050217; DE 29623878 U1 20000525

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