

Title (en)
Manhole cover grating

Title (de)
Schachtabdeckrost

Title (fr)
Grille pour obturer des regards de chaussée

Publication
EP 0668409 B1 19981209 (FR)

Application
EP 95400335 A 19950216

Priority
FR 9401886 A 19940218

Abstract (en)
[origin: EP0668409A1] The grating fits into a frame (3) set in the rod, and has end bars (4) which are elastically deformable relative to the other bars (1,2) so that the grating is fitted elastically in the frame. The deformable end bar is connected to the remainder of the grating only by its two ends, between which it has a lug to engage with a notch (7) in the frame; it also has two thrust elements (9) which can interact with the frame and the adjacent bar (1) of the grating. The grating can be made with a deformable bar at each end and a series of parallel main bars between them, joined to the end bars by two transverse bars (2).

IPC 1-7
E03F 5/06

IPC 8 full level
E03F 5/06 (2006.01)

CPC (source: EP)
E03F 5/06 (2013.01); **E03F 2005/065** (2013.01)

Cited by
WO2012004379A1; US7303669B2; FR2740789A1; EP0811732A1; FR2749601A1; US9290968B2; US9157213B2; US9127447B2; DE102010031206A1

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EP 0668409 A1 19950823; EP 0668409 B1 19981209; AT E174397 T1 19981215; BR 9500688 A 19951024; DE 69506454 D1 19990121; DE 69506454 T2 19990708; DK 0668409 T3 19990816; ES 2128002 T3 19990501; FR 2716472 A1 19950825; FR 2716472 B1 19960503; GR 3029643 T3 19990630

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