

Title (en)  
Anchor bolt for frame

Title (de)  
Zuganker für Zarge

Title (fr)  
Tirant d'ancrage pour cadre

Publication  
**EP 0908567 A1 19990414 (DE)**

Application  
**EP 97117378 A 19971008**

Priority  
EP 97117378 A 19971008

Abstract (en)  
A surface grid e.g. for a drain, manhole cover, ventilation shaft etc., is fitted into a support frame (1) which is mounted on metal pegs (2) buried into the cast concrete of the duct. The tops of the pegs have detachable couplings with the support frame to allow replacement of worn/damaged support frames and grids. The pegs have a U-cross section and have holes to key into the cast concrete. The top of each peg is shaped to clip into grips on the bottom of the support frame, without requiring separate fasteners.

Abstract (de)  
Roste zur Abdeckung von Ablaufrinnen, Licht-, oder Kanalschächten sind in Zargen (1) eingelegt. Die Zargen (1) sind mit Zugankern (2) in den aus Beton hergestellten Schächten oder Ablaufrinnen befestigt. Die Verbindung zwischen Zarge (1) und Zuganker (2) ist lösbar. <IMAGE>

IPC 1-7  
**E03F 5/06**

IPC 8 full level  
**E03F 5/06** (2006.01)

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

Citation (search report)  

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DOCDB simple family (publication)  
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