

Title (en)  
MANHOLE COVER MADE OF PIG IRON AND CONCRETE

Publication  
**EP 0372545 A3 19901031 (DE)**

Application  
**EP 89122548 A 19891207**

Priority  
DE 3841213 A 19881207

Abstract (en)  
[origin: EP0372545A2] A manhole cover made of pig iron having a concrete filling has a trough-shaped shell (5), an outer support ring (13) and in between a circle of ventilation openings (23) between which radial inset ribs (11) run. To reduce the proportion of pig iron, the shell (5) is drawn to the outside to such an extent that the ventilation openings (23), in their upper area, lie partly inside the width of the support ring (13) and, as sloping shafts which are separated from one another only by the ribs (11) and are defined on the inside by the outer contour of the shell, run radially downwards to the inside in order to open out at the bottom inside the support ring (13). <IMAGE>

IPC 1-7  
**E02D 29/14**

IPC 8 full level  
**E02D 29/14** (2006.01)

CPC (source: EP)  
**E02D 29/14** (2013.01); **E02D 29/149** (2013.01)

Citation (search report)  
• [AD] DE 8633386 U1 19880114  
• [A] CH 482073 A 19691130 - WIRZ ROLF [CH]

Cited by  
EP0570663A1; DE19742056C1; DE19641473C1; US10962253B2; US11346566B2; WO9827285A1; US11060754B2; US11561023B2

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