

Title (en)  
GRATING

Title (de)  
ABDECKROST

Title (fr)  
GRILLE DE COUVERTURE

Publication  
**EP 3102748 A2 20161214 (DE)**

Application  
**EP 15701992 A 20150203**

Priority  
• DE 102014101322 A 20140204  
• EP 2015052124 W 20150203

Abstract (en)  
[origin: CA2938216A1] Hitherto known gratings for covering shafts, channels or similar structures comprise peripheral rails (10, 10') cross-bars (20) that are joined to the peripheral rails (10, 10') and consist of sheet metal sections, and longitudinal bars (30) joined to the cross-bars (20). In order to provide a better foothold and improved anti-skid properties, the longitudinal bars (30) are secured to the cross-bars (20) in such a way that top stepping surfaces (31) of the longitudinal bars (30) are lower than or flush with at least stepping portions (21) of upper edges (22) of the cross-bars (20).

IPC 8 full level  
**E03F 5/06** (2006.01); **E04C 2/42** (2006.01)

CPC (source: CN EP RU US)  
**E03F 5/04** (2013.01 - US); **E03F 5/06** (2013.01 - CN EP RU US); **E04C 2/423** (2013.01 - EP US); **E03F 2005/065** (2013.01 - EP US)

Citation (search report)  
See references of WO 2015117932A2

Citation (examination)  
• DE 7509303 U 19750731 - LICHTGITTER-GESELLSCHAFT GMBH [DE]  
• DE 1659147 A1 19701223 - KIRCHNER GITTERROSTFABRIK GEB  
• US 3156168 A 19641110 - NAGIN HARRY S, et al  
• GB 2106948 A 19830420 - HARMER BRIAN  
• WO 0003104 A1 20000120 - LIVINGSTON OWEN LYELL [ZA]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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**DE 102014101322 A 20140204**; AU 2015215078 A 20150203; AU 2018202466 A 20180406; CA 2938216 A 20150203; CN 201580007270 A 20150203; EP 15701992 A 20150203; EP 2015052124 W 20150203; ES 15701992 T 20150203; LT 15052124 T 20150203; MX 2016009161 A 20150203; NZ 72214515 A 20150203; PL 15701992 T 20150203; RU 2016135690 A 20150203; UA A201609154 A 20150203; US 201515109771 A 20150203