

Title (en)  
GRATING

Title (de)  
ABDECKROST

Title (fr)  
GRILLE DE RECOUVREMENT

Publication  
**EP 1660731 A1 20060531 (DE)**

Application  
**EP 04763469 A 20040723**

Priority  
• EP 2004008302 W 20040723  
• DE 10334834 A 20030730

Abstract (en)  
[origin: WO2005012662A1] The invention relates to grating for a de-watering channel, a yard gulley or similar surface de-watering devices. The grating comprises an accessible and/or transversable top side which is formed by a surface of an essentially plane-parallel plate body, a plurality of de-watering openings in the plate body and a lower side comprising support structures on a lower surface of the plate body. Said support structures are connected in a single-piece to the plate body. The support structures comprise support sections between the de-watering openings and bearing areas in order to place the grating on an upper edge of a channel body, a tank for run-off or similar bodies which are built into the base. The supporting structures comprise identical wall thickness' in the direction of the surface enabling stability to be improved with a reduced amount of material.

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

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

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

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2005012662 A1 20050210**; AT E410559 T1 20081015; CN 1823202 A 20060823; DE 10334834 A1 20050310; DE 10334834 B4 20090402; DE 502004008227 D1 20081120; EP 1660731 A1 20060531; EP 1660731 B1 20081008; RU 2006105709 A 20070910

DOCDB simple family (application)  
**EP 2004008302 W 20040723**; AT 04763469 T 20040723; CN 200480020436 A 20040723; DE 10334834 A 20030730; DE 502004008227 T 20040723; EP 04763469 A 20040723; RU 2006105709 A 20040723