

Title (en)  
ARRANGEMENT FOR REMOVING ICICLES

Title (de)  
ANORDNUNG ZUM ENTFERNEN VON EISZAPFEN

Title (fr)  
DISPOSITIF POUR ENLEVER DES GLAÇONS

Publication  
**EP 2681377 B1 20150930 (EN)**

Application  
**EP 11788023 A 20111118**

Priority  
• DK PA201000220 A 20101220  
• DK 2011000135 W 20111118

Abstract (en)  
[origin: WO2012083948A1] An arrangement for removing icicles (6) from buildings (1) gutter (3) consists of a motor and a moveable knife (6) that is mounted glideable on a rail (7) that is parallel to the gutter. An IR sensor detects when icicles are formed and when the icicles are detected; the motor will start the movement of the knife on the rail in the longitudinal direction of the gutter (3) and remove the icicles (6) from the gutter (3). In an embodiment the rail is provided with a folding in order to install the rail in connection with a downpipe that is connected to the gutter.

IPC 8 full level  
**E04D 13/076** (2006.01); **E04D 13/10** (2006.01)

CPC (source: EP)  
**E04D 13/0762** (2013.01); **E04D 13/106** (2013.01)

Citation (examination)  
WO 2012125044 A1 20120920 - LOTHE JOERN E [NO]

Cited by  
CN103885447A

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

DOCDB simple family (publication)  
**WO 2012083948 A1 20120628; WO 2012083948 A8 20130103**; DK 2681377 T3 20160118; EP 2681377 A1 20140108; EP 2681377 B1 20150930

DOCDB simple family (application)  
**DK 2011000135 W 20111118**; DK 11788023 T 20111118; EP 11788023 A 20111118