

Title (en)  
SPREAD UNIT FOR SPREADING GRANULAR MATERIAL

Title (de)  
STREUEINHEIT ZUM STREUEN VON KÖRNIGEM MATERIAL

Title (fr)  
UNITÉ D'ÉPANDAGE POUR ÉPANDRE UN MATÉRIAU GRANULAIRE

Publication  
**EP 2769020 A1 20140827 (EN)**

Application  
**EP 12799604 A 20121018**

Priority  
• IT TO20110937 A 20111018  
• IB 2012055699 W 20121018

Abstract (en)  
[origin: WO2013057693A1] In a spread unit (1), a granular material, preferably anti-icing, arranged inside a hopper container (5), is fed towards a spread device (10) by a feed assembly (12) with a fixed support surface (14) arranged in a position facing an outlet (9) of the container (5) and a belt dosing device (13) arranged downstream of the fixed surface (14) and on the outlet (9) side for receiving the material from the fixed surface (9) and dosing it before sending it to the spread device (10).

IPC 8 full level  
**E01C 19/20** (2006.01); **A01C 15/18** (2006.01)

CPC (source: EP RU US)  
**E01C 19/203** (2013.01 - EP RU US); **E01H 10/007** (2013.01 - RU US); **E01C 2019/2075** (2013.01 - EP US)

Citation (search report)  
See references of WO 2013057693A1

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 2013057693 A1 20130425**; CA 2852854 A1 20130425; DK 2769020 T3 20160111; EP 2769020 A1 20140827; EP 2769020 B1 20151007; HR P20151388 T1 20160226; HU E026964 T2 20160829; IT TO20110937 A1 20130419; PL 2769020 T3 20160429; RU 2014119868 A 20151127; RU 2604610 C2 20161210; SI 2769020 T1 20160331; US 2014246523 A1 20140904

DOCDB simple family (application)  
**IB 2012055699 W 20121018**; CA 2852854 A 20121018; DK 12799604 T 20121018; EP 12799604 A 20121018; HR P20151388 T 20151217; HU E12799604 A 20121018; IT TO20110937 A 20111018; PL 12799604 T 20121018; RU 2014119868 A 20121018; SI 201230407 T 20121018; US 201214352975 A 20121018