

Title (en)  
SCREED DIE PIVOT REMOVAL SYSTEM

Title (de)  
SCHWENKSYSTEM ZUR ENTFERNUNG VON ESTRICHDÜSEN

Title (fr)  
SYSTÈME D'EXTRACTION DU PIVOT DE MOULE DE RÈGLE

Publication  
**EP 2459804 A2 20120606 (EN)**

Application  
**EP 10740075 A 20100726**

Priority  
• US 22871809 P 20090727  
• US 2010043199 W 20100726

Abstract (en)  
[origin: WO2011017042A2] The screed box (12) rides coplanar to the road surface (14) by pivoting independently of the thermo striper machine (16). This allows the user to create more uniform lines and reduces unsightly pooling of thermoplastic caused by "rocking" of the screed box (12). A machined shaft (18) attached to the screed box (12) pivots in the pre-tensioned mounting bracket (20) on the thermo striper (16). The screed box (12) pivots axially in this mount (20) when it travels over a surface (14), which may be non-coplanar to the plane created by the three wheel points on the thermo striper (16) as shown in Figures 4 and 5. To remove the screed die (12), the pivot mount (20) is relieved of spring (24) tension by pressing down by hand or foot the handle (22) mounted to the pivot (20).

IPC 8 full level  
**E01C 23/16** (2006.01)

CPC (source: EP US)  
**E01C 23/16** (2013.01 - EP US)

Citation (search report)  
See references of WO 2011017042A2

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 SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2011017042 A2 20110210; WO 2011017042 A3 20120209;** AU 2010281536 A1 20120209; BR 112012001220 A2 20160301; CN 102741481 A 20121017; EP 2459804 A2 20120606; IN 405DEN2012 A 20150821; RU 2012106575 A 20130910; US 2012128420 A1 20120524

DOCDB simple family (application)  
**US 2010043199 W 20100726;** AU 2010281536 A 20100726; BR 112012001220 A 20100726; CN 201080032640 A 20100726; EP 10740075 A 20100726; IN 405DEN2012 A 20120113; RU 2012106575 A 20100726; US 201013386915 A 20100726