

Title (en)  
SELF-PROPELLED CONSTRUCTION MACHINE AND METHOD FOR THE VISUALIZATION OF THE PROCESSING ENVIRONMENT OF A CONSTRUCTION MACHINE MOVING IN THE TERRAIN

Title (de)  
SELBSTFAHRENDE BAUMASCHINE UND VERFAHREN ZUR VISUALISIERUNG DES BEARBEITUNGSUMFELDES EINER SICH IM GELÄNDE BEWEGENDEN BAUMASCHINE

Title (fr)  
ENGIN AUTOMOBILE ET PROCEDE DE VISUALISATION DU CHAMP DE TRAITEMENT D'UN ENGIN AUTOMOBILE SE DEPLAÇANT SUR UN TERRAIN

Publication  
**EP 2990532 B1 20170215 (DE)**

Application  
**EP 15180819 A 20150812**

Priority  
DE 102014012836 A 20140828

Abstract (en)  
[origin: CN205024576U] The utility model relates to a self -walking -type building machine especially mills way machine or sliding template paver, and it can implement translation and/or rotary motion to the project of plan on the soil. Construction machinery has the image recording unit of the image area in record soil and shows the display element of the image area in soil, and the image area is arranged in the coordinate system of being correlated with with construction machinery in the position and the position in soil. Construction machinery still has the data processing unit for the soil image area that shows on display element coincides with partly graphic presentation of the project that is arranged in the image area, so that the project is visual in the image area. Consequently, display element not only shows real image area, shows virtual project image moreover to mechanical driver's perception has been enlarged. Whether consequently mechanical driver can see on display element, match with the fact based on the project of controlling.

IPC 8 full level  
**E01C 23/01** (2006.01)

CPC (source: EP US)  
**E01C 19/4886** (2013.01 - EP US); **E01C 23/01** (2013.01 - EP US)

Cited by  
CN114737456A; EP3276079A1; US10458076B2

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