

Title (en)  
A device for ground compaction

Title (de)  
Vorrichtung zur Bodenverfestigung

Title (fr)  
Dispositif pour la consolidation d'un sol

Publication  
**EP 2241677 A2 20101020 (EN)**

Application  
**EP 10159117 A 20100406**

Priority  
IT TO20090282 A 20090410

Abstract (en)  
A device (10) for the supply of inert materials to vibrating systems of ground compaction, installed on a compacting equipment (20) of the ground (100) having: a self-propelled operating machine (21) provided with a tower (22) or arm (50) for supporting a drill battery (22a) comprising a vibrating tool for the compaction for the ground; and a caisson (23)(23') for conveying inert materials to be fed to said drill battery (22a) in a hole on the ground (100); the device (10) presents a substantially hopper shape and slides between a first lower height near the ground (100) and a second height, higher than the first, where the caisson lies (23)(23'); the device (10) is provided with an openable discharging door (11) of inert materials; the opening takes place by means of activation of mechanical means associated to the hopper (10) and to the caisson (23)(23').

IPC 8 full level  
**E02D 3/08** (2006.01)

CPC (source: EP)  
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Cited by  
WO2020147975A1; US2022380995A1; US11873615B2; DE102016113140A1; CN110036156A; WO2018011435A3

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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

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