

Title (en)
A pile driving assembly

Title (de)
Pfahlrammanordnung

Title (fr)
Ensemble de commande d'empilage

Publication
EP 2557232 B1 20141015 (EN)

Application
EP 12170306 A 20120531

Priority
EP 12170306 A 20120531

Abstract (en)
[origin: EP2557232A1] A pile driving assembly comprises a pile and a pile driving mechanism, such as a hammer mechanism or a vibrator, for applying a force onto the top surface of the pile for causing the pile to enter into the ground. The pile driving assembly further comprises a holding mechanism for temporarily holding the pile. The holding mechanism includes a vehicle comprising a housing including a motor and a movable arm extending from the housing and a gripping mechanism extending from the arm opposite the housing. The gripping mechanism comprises a frame having a plurality of inwardly oriented guides. The gripping mechanism further comprises a first supporting leg extending between said gripping mechanism and a first ground plate, and a second supporting leg extending between said gripping mechanism and a second ground plate. The vehicle, the first ground plate and the second ground plate together defining a triangular area.

IPC 8 full level
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CPC (source: EP)
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Cited by
CN112726615A; CN107761755A; EP4230800A3; NL2018066B1; CN113047280A; CN115045271A; CN110450680A; CN108265708A; KR20220157194A; CN110158591A; CN117266151A; US11441288B2; US11008726B2

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