

Title (en)
VIBRATING PLATE WITH HOOD OPTIMIZED FOR NOISE REDUCTION

Title (de)
RÜTTELPLATTE MIT ZUR GERÄUSCHMINDERUNG OPTIMISierter HAUBE

Title (fr)
PLAQUE VIBRANTE POURVU DE CAPOT OPTIMISÉE POUR LA RÉDUCTION DU BRUIT

Publication
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Application
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Abstract (en)
[origin: US2021310398A1] The invention relates to a vibrating plate for ground compaction, comprising a drive motor, an exciter unit which is driven by the drive motor and by means of which a base plate can be set in vibration, an adjustably mounted hood, which can be adjusted between an operating position at least partially covering the drive motor and a maintenance position at least partially exposing the drive motor, an exhaust air guiding device leading from the drive motor to an exhaust air opening in the hood for the cooling air of the drive motor, the exhaust air guiding device being formed in two parts and comprising an exhaust air adapter on the drive motor side and an exhaust air guide on the hood side, the exhaust air adapter and the exhaust air guide together forming a continuous exhaust air path from the drive motor to the exhaust air opening in the hood when the hood is in the operating position, the exhaust air adapter being attached to the drive motor, and the exhaust air guide being attached to the hood such that it is adjustable with the hood between the operating position and the maintenance position.

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