

Title (en)
EXCAVATION DEVICE

Title (de)
AUSHUBVORRICHTUNG

Title (fr)
DISPOSITIF DE CREUSEMENT

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Application
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Abstract (en)
[origin: WO2008061383A2] The invention relates to a device for excavating and transporting material, especially earth, said device comprising an excavation appliance that can be rotated about a rotational axis (y) in a rotational direction (u), and a longitudinal conveyor (18) for transporting the excavated material (41). The excavation appliance comprises an impeller (12, 14) having a conically extending guide surface (20) arranged around the rotational axis (y) in a rotationally symmetrical manner, and guide vanes (22) which radially protrude from the conical guide surface (20) and form an acute angle in relation to the rotational axis (y).

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