

Title (en)  
EXCAVATION DEVICE

Title (de)  
AUSHUBVORRICHTUNG

Title (fr)  
DISPOSITIF DE CREUSEMENT

Publication  
**EP 2082098 A2 20090729 (DE)**

Application  
**EP 07816251 A 20071113**

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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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