

Title (en)  
SOIL EXCAVATION MACHINE OF THE MILL TYPE PROVIDED WITH A MOVABLE CARRIAGE

Title (de)  
BODENAUSHUBMASCHINE ALS FRÄSE MIT BEWEGLICHEM WAGEN

Title (fr)  
MACHINE D'EXCAVATION DE SOL DU TYPE FRAISE MUNIE D'UN CHARIOT MOBILE

Publication  
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Application  
**EP 10723203 A 20100406**

Priority  
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Abstract (en)  
[origin: WO2010116081A1] The invention relates to a soil excavation machine of the mill type for the production of rectangular panels which comprises: a mast (104) having a longitudinal direction, a longitudinal bar (108) of fixed length which has a lower end provided with two milling tools (110, 112) of parallel and separate axes (A1, A2), said axes being fixed with respect to one another, the two rotary milling tools extending on either side of the lower end of the bar, hydraulic drive means for rotating the milling tools (110, 112), said hydraulic drive means being supplied by hydraulic pipes which are housed at least partly inside the longitudinal bar (108), a carriage (114) sliding along the longitudinal direction of the mast, said carriage being intended to exert on the bar a descending thrust force along the longitudinal direction of the mast, and a pumping device arranged at the lower end of the bar and intended to suck up the soil debris excavated by the milling tools.

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Opponent : BAUER Maschinen GmbH  
• EP 0553378 A1 19930804 - HOCHTIEF AG HOCH TIEFBAUTEN [DE]  
• EP 1630297 A1 20060301 - BAUER MASCHINEN GMBH [DE]  
• EP 0262050 A1 19880330 - SOLETANCHE [FR]  
• US 2004234345 A1 20041125 - ARZBERGER MAXIMILIAN [DE]  
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• EP 1746213 A1 20070124 - CIE DU SOL [FR]  
• US 2004037652 A1 20040226 - SCHMIDMAIER LUDWIG [DE], et al  
• US 3848685 A 19741119 - TAKAGI A, et al  
• DE 1634262 B1 19700924 - BADE & CO GMBH  
• JP H08302670 A 19961119 - TAKENAKA KOMUTEN CO, et al

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