

Title (en)
EXCAVATING HEAD

Title (de)
BAGGERKOPF

Title (fr)
TÊTE D'EXCAVATION

Publication
EP 3268569 B1 20190508 (EN)

Application
EP 16719491 A 20160311

Priority
• IT MO20150056 A 20150312
• IB 2016051387 W 20160311

Abstract (en)
[origin: WO2016142910A1] The excavating head (1) comprises: an attachment element (2) to a driving machine to place the head (1) in rotation; a plate-shaped body (7) having a first main face (8) and a second main face (9), the first main face (8) being facing to the excavation front and the second main face (9) being opposite to the first main face (8) and connected to the attachment element (2); at least an excavation tool (10) associated with the plate-shaped body (7) so as to protrude at least in part from the first main face (8); and suction means (13) of the excavated material associated with said plate-shaped body (7) and comprising: a plurality of through openings (14, 15) and crossing the plate-shaped body (7) between the first main face (8) and the second main face (9); and a hood-shaped element (17) having a suction mouth (18) adjacent to the second main face (9) and surrounding the through openings (14, 15).

IPC 8 full level
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CPC (source: EP)
E21B 7/00 (2013.01); **E21B 10/08** (2013.01); **E21D 1/06** (2013.01)

Citation (opposition)
Opponent : Herrenknecht AG
• DE 19626591 C1 19980416 - WIRTH CO KG MASCH BOHR [DE]
• DE 4113208 A1 19921029 - HERRENKNECHT GMBH [DE]
• DE 102012004762 A1 20130912 - KOEGLER RUEDIGER [DE]
• KR 20110133517 A 20111213 - YOO JAE HO [KR]
• US 4200160 A 19800429 - NEWCOMB ALAN L [US]
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• US 3384191 A 19680521 - SCHUMACHER JR PERCY W, et al
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• KR 101401981 B1 20140530 - SUNGPOONG CONSTRUCTIONAL CO LTD [KR]
• DE 102006026561 B3 20080103 - HERRENKNECHT AG [DE]
• DE 19626589 C1 19980212 - WIRTH CO KG MASCH BOHR [DE]
• ANONYMUS: "Kompendium Die Geheimnisse der Neigungsmesstechnik", WYLER AG, 1 January 2013 (2013-01-01), XP055684399

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