

Title (en)  
CORE MACHINE

Title (de)  
KERNBOHRAPPARAT

Title (fr)  
CAROTTIER

Publication  
**EP 0904481 A1 19990331 (FR)**

Application  
**EP 97925061 A 19970603**

Priority  
• BE 9600504 A 19960605  
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Abstract (en)  
[origin: WO9746790A1] Core machine intended particularly to the oil prospection field, comprising a core crown (2), an external tube (3) for the rotational driving of the core crown (2), and an internal tube (4) having a free front end element (7) intended to receive a core (5), and a revolution surface (8) of the free end element (7), on the crown side (2), arranged to cooperate with an internal surface (9) thereof, or optionally of the external tube (3), so as to adjust between the two a predetermined passage for the core drilling fluid, the free end element (7) being mounted in the core drilling machine (1) so as to slide coaxially on an extremity section (13) of the internal tube (4), between a position wherein the revolution surface (8) is in contact with the internal surface (9) of the crown (2), or respectively of the external tube (3), and an extreme position away from said internal surface (9).

IPC 1-7  
**E21B 25/00**

IPC 8 full level  
**E21B 21/10** (2006.01); **E21B 25/00** (2006.01)

CPC (source: EP US)  
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Citation (search report)  
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