

Title (en)  
Core bit

Title (de)  
Bohrkrone

Title (fr)  
Trépan de forage

Publication  
**EP 1122013 B1 20030502 (DE)**

Application  
**EP 01810090 A 20010130**

Priority  
DE 10005365 A 20000207

Abstract (en)  
[origin: US2001025638A1] A drill bit for producing circular-cylindrical recesses or boreholes is formed of a drilling cylinder (1) having cutting elements (3) at the leading end in the drilling direction. A detachable core sleeve (2) is arranged in the interior of the drilling cylinder (1). The cutting elements (3) extend radially inwardly at least for the wall thickness (a) of the core sleeve (2). The core sleeve (2) serves to receive a core formed of removed masonry and is intended to facilitate removal of the core from the drill bit. The manageability of the drill bit is substantially improved in this way.

IPC 1-7  
**B23B 51/04**

IPC 8 full level  
**B23B 51/04** (2006.01); **B28D 1/04** (2006.01)

CPC (source: EP US)  
**B28D 1/041** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1122013 A1 20010808; EP 1122013 B1 20030502**; AT E238869 T1 20030515; DE 10005365 A1 20010809; DE 50100195 D1 20030605; DK 1122013 T3 20030825; US 2001025638 A1 20011004; US 6382202 B2 20020507

DOCDB simple family (application)  
**EP 01810090 A 20010130**; AT 01810090 T 20010130; DE 10005365 A 20000207; DE 50100195 T 20010130; DK 01810090 T 20010130; US 77844001 A 20010207