

Title (en)  
Milling device for trench walls

Title (de)  
Schlitzwandfräse

Title (fr)  
Fraise pour paroi moulée

Publication  
**EP 1666671 A1 20060607 (DE)**

Application  
**EP 04028687 A 20041203**

Priority  
EP 04028687 A 20041203

Abstract (en)  
Two sealing rings (41,42) are arranged between a bearing shield (10) and cutting wheels (20,20') to seal bearings (31,32) against the area surrounding the trench wall cutter. An outlet port (61) extends along the sealing rings, for feeding lubricant to the sealing rings. A lubricant inlet port is formed above the cutting wheels.

IPC 8 full level  
**E02D 17/13** (2006.01); **E02F 3/20** (2006.01)

CPC (source: EP KR US)  
**E02D 17/13** (2013.01 - KR); **E02F 3/205** (2013.01 - EP US); **E02F 5/00** (2013.01 - KR); **E02F 5/08** (2013.01 - KR)

Citation (applicant)  
DE 19652022 A1 19980618 - BAUER SPEZIALTIEFBAU [DE]

Citation (search report)  
• [X] EP 0518293 A1 19921216 - BAUER SPEZIALTIEFBAU [DE]  
• [DA] DE 19652022 A1 19980618 - BAUER SPEZIALTIEFBAU [DE]

Cited by  
DE202019102477U1; EP4074898A1; WO2022218719A1; CN113646552A; EP2597205A1; DE202019105230U1; US7363734B2; WO2021052976A2; WO2021052976A3; DE202019100319U1; EP3683362A3; EP3851586A1; WO2020173788A1; EP4194612A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1666671 A1 20060607**; **EP 1666671 B1 20151104**; CN 100582394 C 20100120; CN 1782240 A 20060607; JP 2006161550 A 20060622; JP 4271182 B2 20090603; KR 100683576 B1 20070215; KR 20060063694 A 20060612; US 2006120641 A1 20060608; US 7363734 B2 20080429

DOCDB simple family (application)  
**EP 04028687 A 20041203**; CN 200510128997 A 20051205; JP 2005347904 A 20051201; KR 20050116803 A 20051202; US 28987005 A 20051130