

Title (en)
NOZZLE JET DEVICE

Title (de)
DÜSENSTRAHLVORRICHTUNG

Title (fr)
SYSTEME DE PROJECTION PAR BUSE

Publication
EP 1527235 B1 20061102 (DE)

Application
EP 03790693 A 20030807

Priority
• DE 0302655 W 20030807
• DE 10236257 A 20020809

Abstract (en)
[origin: DE10236257A1] A nozzle support (20) at the end of the drillrod (5) contains the air feed (12) and suspension pipe (10) outlets (22,24) at an angle to the drillrod. The suspension pipe and air feed steadily curve round to the mouth outlets (22,24) and a ball valve (30) between suspension pipe (10) and in-mouth pipe part comprises a ball (3) opening opening up towards the outlets against its loadspring (32) when the suspension is fed down the pipe (10). The nozzle support presents a pear-shaped housing or a double cone to take part of the suspension pipe (10) and air feed (12). The mouth outlets (22,24) can be fitted with exchangeable nozzles, differing in section but equal in pitch.

IPC 8 full level
E02D 3/12 (2006.01); **E02D 27/26** (2006.01)

CPC (source: EP)
E02D 3/12 (2013.01); **E02D 27/26** (2013.01)

Cited by
EP2933380A1

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

DOCDB simple family (publication)
WO 2004020742 A1 20040311; AT E344351 T1 20061115; AU 2003266112 A1 20040319; DE 10236257 A1 20040226; DE 50305594 D1 20061214; EP 1527235 A1 20050504; EP 1527235 B1 20061102

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DE 0302655 W 20030807; AT 03790693 T 20030807; AU 2003266112 A 20030807; DE 10236257 A 20020809; DE 50305594 T 20030807; EP 03790693 A 20030807