

Title (en)  
SECTOR SPRAYING DEVICE IN COAL MINING

Publication  
**EP 0185571 B1 19880907 (FR)**

Application  
**EP 85402237 A 19851119**

Priority  
FR 8417654 A 19841120

Abstract (en)  
[origin: ES8609580A1] A sectorial sprinkling device for coal mining includes, in the central portion of a cutting drum of a cutting machine, a plurality of concentric piping systems which are connected to water delivery means. An interior piping system is permanently connected to the picks of the shearing disc of the drum, but the other two piping systems open via radial ducts into sectorial chambers whose angular extent corresponds to that of the active sectors of the lateral face of the cutting drum, depending on whether the cutting drum is in the high or low cutting position.

IPC 1-7  
**E21C 35/22**

IPC 8 full level  
**E21C 35/22** (2006.01); **E21C 35/23** (2006.01)

CPC (source: EP US)  
**E21C 35/23** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE DE GB SE

DOCDB simple family (publication)  
**EP 0185571 A1 19860625; EP 0185571 B1 19880907**; AT E37070 T1 19880915; AU 5002685 A 19860529; AU 581945 B2 19890309; CN 1004365 B 19890531; CN 85108377 A 19861001; DE 3564846 D1 19881013; ES 549006 A0 19860716; ES 8609580 A1 19860716; FR 2573474 A1 19860523; FR 2573474 B1 19861226; IN 165786 B 19900113; JP H0327720 B2 19910416; JP S61165489 A 19860726; PL 149309 B1 19900131; PL 256284 A1 19860923; US 4660892 A 19870428; ZA 858856 B 19860827

DOCDB simple family (application)  
**EP 85402237 A 19851119**; AT 85402237 T 19851119; AU 5002685 A 19851115; CN 85108377 A 19851116; DE 3564846 T 19851119; ES 549006 A 19851118; FR 8417654 A 19841120; IN 930MA1985 A 19851119; JP 25789685 A 19851119; PL 25628485 A 19851115; US 79986285 A 19851120; ZA 858856 A 19851119