

Title (en)  
Mining machine.

Title (de)  
Schrämmaschine.

Title (fr)  
Haveuse.

Publication  
**EP 0176235 A1 19860402 (EN)**

Application  
**EP 85306000 A 19850823**

Priority  
GB 8421670 A 19840825

Abstract (en)  
A roadheader type mining machine comprises a self-propelled chassis, an elongate boom (9) having a longitudinal axis (10), the boom (9) being supported by the chassis for powered positioned adjustment with respect to the chassis, a terminal end (13) of the boom (9) provided with a rotary cutting head (14) having a plurality of nozzles (20) each to emit a water spray or jet (41), water conveying conduits (22) connectable between the nozzles (20) and a source of pressurised water, and an on/off water flow control valve (24) associated with each conduit (22), and a collar (34) surrounding at least a portion of the boom (9) about an axis co-axial with the boom longitudinal axis (10) and being rotatable about this axis by power means (36) to a selected position, the collar (34) carrying, and/or positionally controlling, valve actuation means (30) whereby periodic water supply to the nozzles (20), due to head rotation, within a selected radial sector is controllable by the valves (24), phased activation of which is controlled by positioned adjustment of the collar (34) to provide appropriate positional adjustment of the valve actuation means (30).

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**E21C 35/22**

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

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

Citation (search report)  

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