

Title (en)

Improvements in and Relating to Long Wall Hydraulic Supply Systems

Title (de)

Verbesserungen bei und im Zusammenhang mit langwandigen hydraulischen Zuführsystemen

Title (fr)

Améliorations portant sur et se rapportant à des systèmes d'alimentation hydraulique de paroi longue

Publication

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Application

EP 10160213 A 20100416

Priority

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Abstract (en)

[origin: EP2378060A1] A long wall hydraulic supply system and related control unit, method and computer program product are provided. The long wall hydraulic supply system comprises a pump station (12) operatively coupled to remote powered roof supports (20) to supply hydraulic pressure thereto via a hydraulic line (30). The system also comprises a remote pressure sensor (40) located at a position remote from the pump station, and a control unit (50). The control unit is operatively coupled to the remote pressure sensor (40) and to the pump station (12), and is arranged to control the pump station to supply hydraulic fluid to the powered roof support via the hydraulic line (30) in response to a remote pressure signal received from the remote pressure sensor (40). By using a remote pressure sensor, pump station control can be improved.

IPC 8 full level

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