

Title (en)

Method and apparatus for controlling the operation of cluster drill of DTH hammers

Title (de)

Verfahren und Vorrichtung zur Steuerung des Betriebs der Sammelbohrung von DTH-Hammern

Title (fr)

Procédé et appareil pour commander une opération de forage en grappe de marteaux fond de trou

Publication

EP 2626505 B1 20190206 (EN)

Application

EP 13154119 A 20130206

Priority

HK 12101330 A 20120210

Abstract (en)

[origin: EP2626505A2] An apparatus for drilling hole, comprising: a cluster drill of down-the-hole (DTH) percussion hammers having two or more DTH percussion hammers; and a special distributor having rotatable swivels for sourcing compressed air or pressurized fluid from independent supply sources and distributing to the DTH percussion hammers; wherein the DTH percussion hammers are arranged such that one or more circumferential layers of drill bits are formed covering the drilling area; and wherein within each circumferential layer, at least one DTH percussion hammer is supplied with the compressed air or pressurized fluid from an independent supply source that is different from the independent supply source supplying the other DTH percussion hammers.

IPC 8 full level

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