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Patent Search

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Abstract:

ABSTRACT AN IGNITION DEVICE FOR UNDERGROUND COAL GASIFICATION AND WORKING METHOD THEREOF The present invention describes an ignition device for underground coal gasification and working method thereof. In the present invention, a device for lighting the underground coal seam is disclosed. This device consists of an ignitor and thermite mixture. The heat is generated through the ignitor due to the friction between a rotating tool and base metal. This heat is further utilized to burn the thermite mixture, which ensures the proper pyrolysis of the coal. Accompanied Drawing [Fig. 1] Dated this 18th day of August 2023 AMITY UNIVERSITY Name of Applicant Signature: Name: R. Adn R.C. Kochhar (Retd.) [Sr. Vice President]

Complete Specification

DESC:FORM 2
THE PATENTS ACT, 1970
(39 of 1970)
&
The Patent Rules, 2003

COMPLETE SPECIFICATION
(See section 10 and rule 13)

TITLE OF THE INVENTION
"AN IGNITION DEVICE FOR UNDERGROUND COAL GASIFICATION AND WORKING METHOD THEREOF"

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