Title (en)

BLASTING SYSTEM

Title (de)

SPRENGSYSTEM

Title (fr)

SYSTÈME D'ABATTAGE À L'EXPLOSIF

Publication

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Application

EP 17832035 A 20171222

Priority

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Abstract (en)

[origin: WO2018113851A1] The invention relates to a blasting system which is ignited in a bore hole. The invention relates to a blasting method and a blasting assembly (1) for this purpose. The blasting assembly (1) according to the invention for blasting a blasting capsule (10) introduced into a bore hole (2) is provided with a support (3). The support (3) has at least one protective panel (4) with a recess (5). The support (3) is equipped with a boring module (6) which is suited and designed to introduce a bore hole (2) into the underlying surface (21), a blasting module (7) which is suited and designed to introduce a blasting capsule (10) into a bore hole (2) with a projection (14) over the underlying surface (21), and a detonation module (8) which is suited and designed to detonate a blasting capsule (10) which reaches the recess (5) of the protective panel (4). The vertical projection (14) of the blasting capsule (10) protrudes into the recess (5) of the protective panel (4) and thereby closes the unobstructed passage through the recess (5). By at least partly closing the recess (5), it is ensured that in the event of a blast, particles of the underlying surface (21) cannot pass through the recess (5) and injure persons or damage equipment in the surroundings of the blast or can only pass through the recess to a very limited extent. In this manner, good handling characteristics and a markedly high degree of safety are ensured during the blasting process.

IPC 8 full level

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