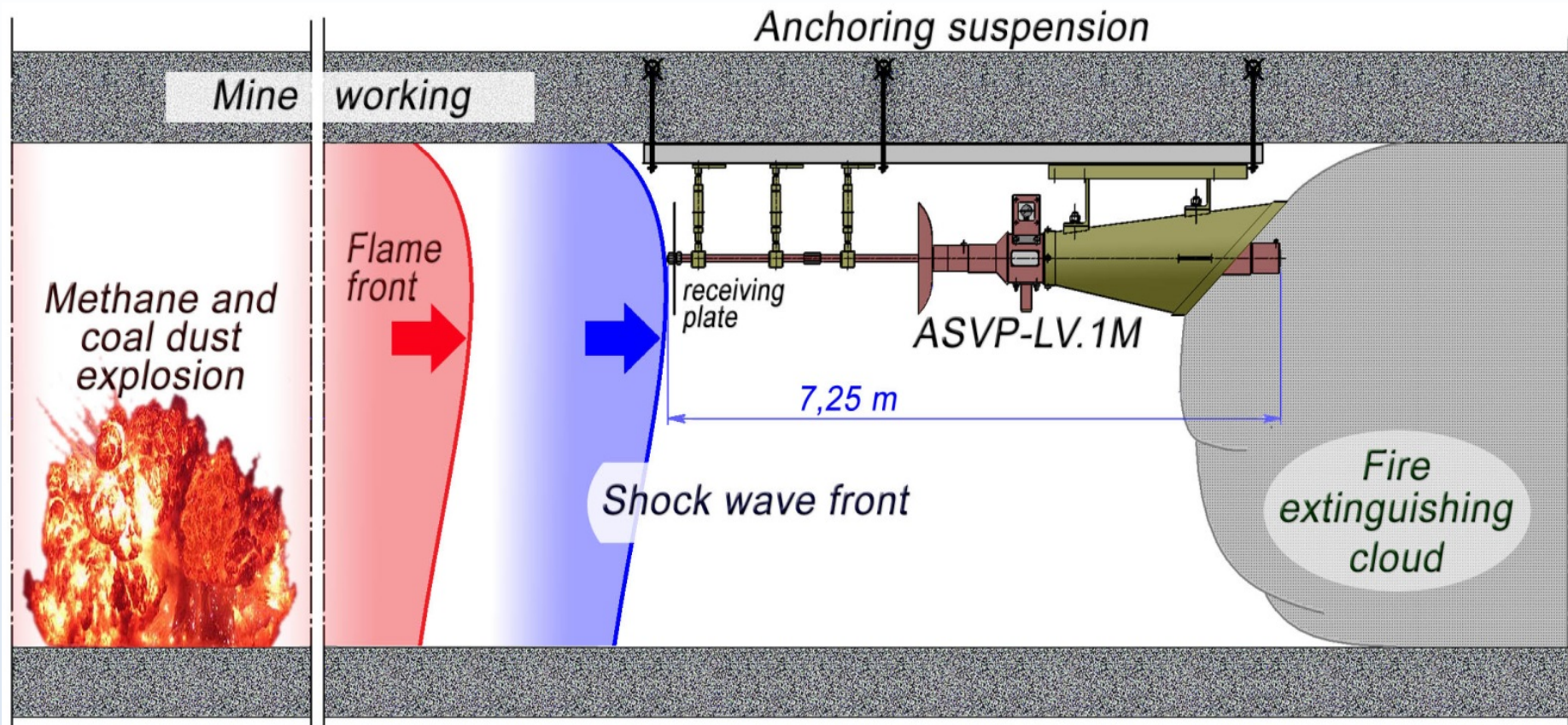


Automatic system for methane and coal dust explosions localization in coal mines - **ASVP-LV.1M**



Explosion in the mine workings



Explosion localization in mines

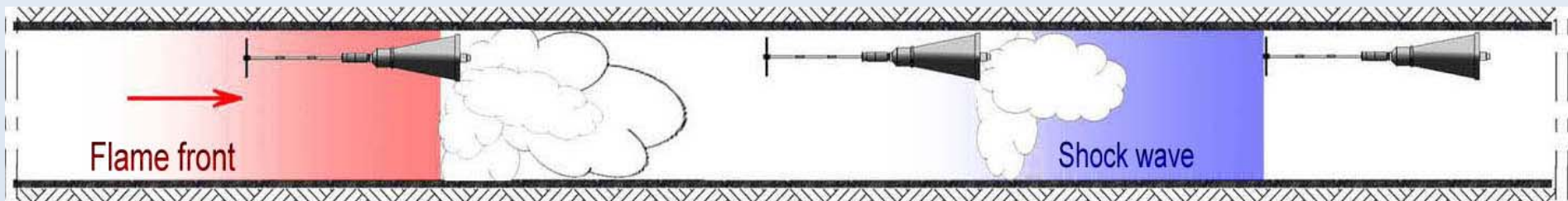
Stone-dust barrier



Water barrier



ASVP-LV.1M



Comparative technical parameters of devices for explosions localization

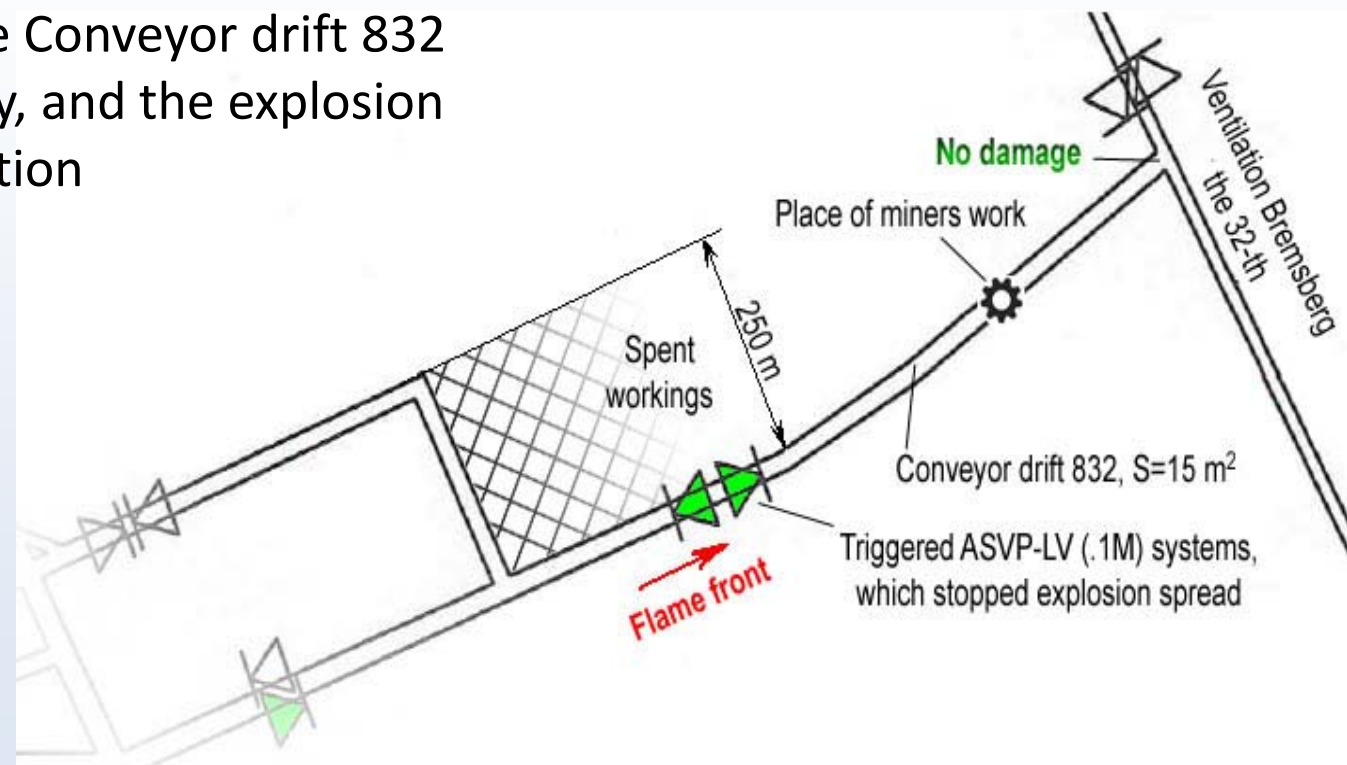
	Stone-dust barrier	Water barrier	ASVP-LV.1M
Response speed	200-400 ms	150 ms	25 ms
Effectiveness of the extinguishing agent	400 kg/m ²	440 L/m ²	0,01 kg/m ³
Average cloud life time	< 1 s	0,25 s	> 370 s
Spraying distance of fire extinguishing agent cloud	4-7 m	3-5 m	> 30 m

ASVP-LV.1M in action (testing of ASVP-LV.1M in 2011)

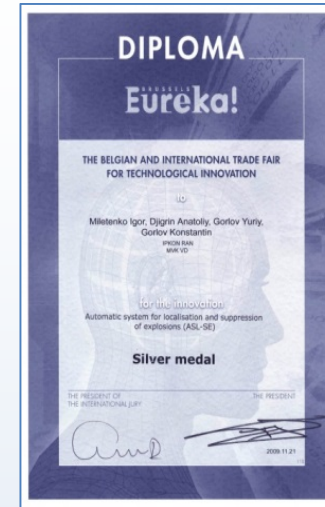


Real explosion localization

At the mine Vorkutinskaya (Russia) the barrier of two ASVP-LV in the Conveyor drift 832 has worked efficiently, and the explosion spread to the Ventilation Bremsberg the 32-th did not occur



Participation in exhibitions



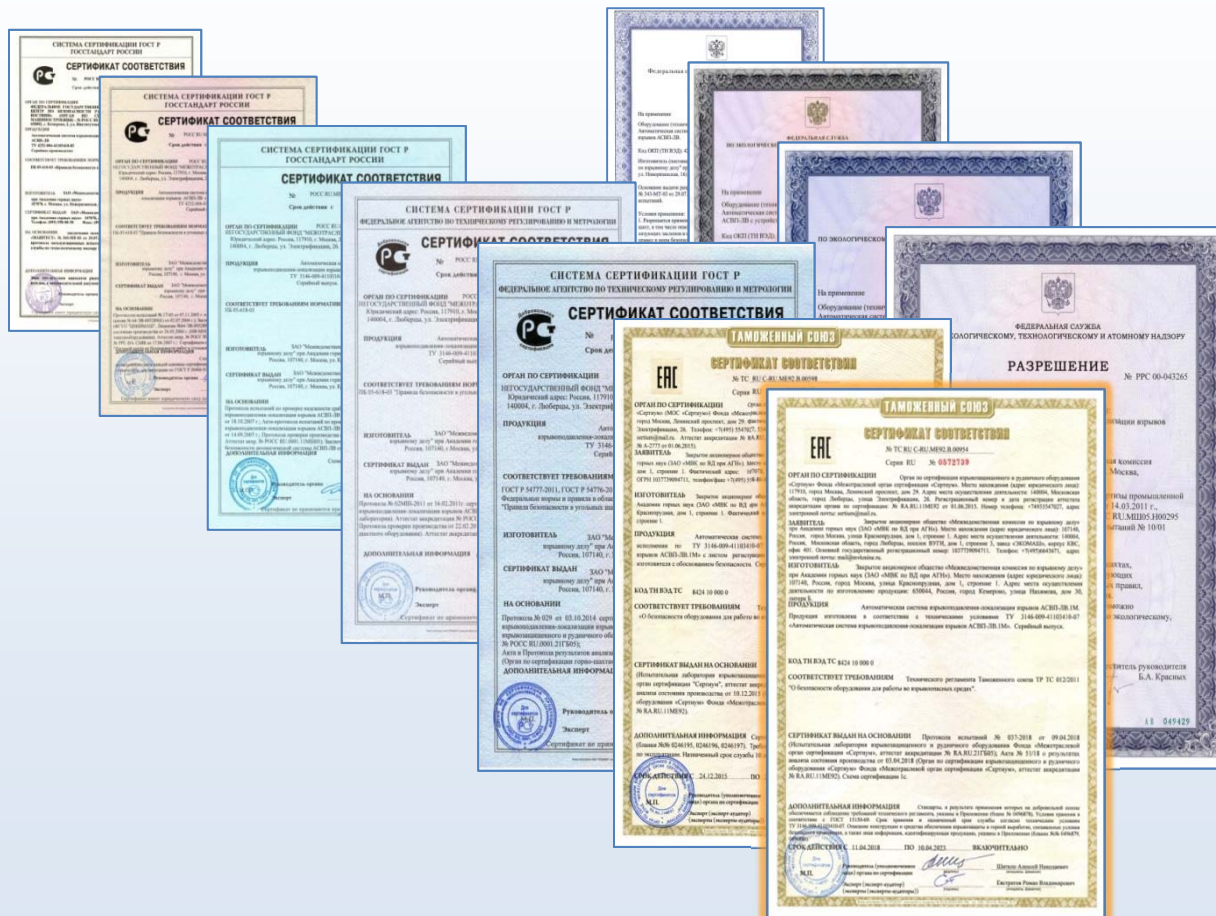
ASVP-LV.1M were awarded with diplomas and medals at Russian and International exhibitions and congresses

Production of ASVP-LV.1M



Permits for usage of ASVP-LV.1M

Russia and EACU



China



Ukraine

