

Title (en)
ANTI-RAM VEHICLE BARRIER

Title (de)
DURCHBRUCHSICHERE FAHRZEUGBARRIERE

Title (fr)
BARRIÈRE ANTI-VÉHICULE-BÉLIER

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EP 4168629 A1 20230426 (DE)

Application
EP 20848787 A 20201208

Priority

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Abstract (en)
[origin: WO2021259404A1] The invention relates to an anti-ram safety barrier for preventing the penetration of vehicles, in particular for use in averting terrorist attacks. The construction of the safety barrier is provided, inter alia, for the use of flat foundation bollards, the design of which in terms of colour and/or shape is adapted to the environment of the use site. In addition, the safety barrier has a composite construction allowing it to be adapted to the particular carriageway width. Proceeding from the prior art, the problem consists in providing a safety barrier which, while reducing the outlay in terms of material, brings about a reduction in the braking time of the impacting vehicle, absorbs a greater amount of impact energy and can be adapted stationarily to the environmental conditions. This problem is solved by movably anchoring one end of an assembly of bollard units arranged over the carriageway in a foundation in such a manner that the impact energy of the vehicle and a resultant movement at the respective anchoring point cause the opposite ends of the bollard units to be moved upwards out of the foundation and the impacted vehicle is thereby lifted off the carriageway by means of the bollard units.

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