

Title (en)

Device for defusing explosive charges by low pressure water jet cutting

Title (de)

Vorrichtung zum Entschärfen von Munition durch Wasserstrahlschneiden mit niedrigem Druck

Title (fr)

Dispositif de neutralisation d'engins explosifs par jet d'eau basse pression

Publication

EP 1123777 B1 20061102 (FR)

Application

EP 01400324 A 20010209

Priority

FR 0001626 A 20000210

Abstract (en)

[origin: EP1123777A1] The abrasive water jet circular cutter comprises a cutting head fitted with at least two canons (6) with parallel axes. The canons are mounted at different distances from the cutting head axis are arranged so that the gap in the siting of the canons relative to the cutting head axis has a value less than the thickness of the cutting line caused by the water jet (3). The canons each have a mixing chamber with a nozzle and an abrasive inlet (7). The distribution chamber (1) is connected to a pressurized water inlet (2).

IPC 8 full level

B24C 1/04 (2006.01); **B24C 3/02** (2006.01); **B24C 3/04** (2006.01)

CPC (source: EP)

B24C 1/045 (2013.01); **B24C 3/02** (2013.01); **B24C 3/04** (2013.01)

Cited by

CN108590691A; CN110281156A; CN109454561A; WO2007000522A3

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