

Title (en)  
ABRASIVE-JET CUTTING SYSTEM

Publication  
**EP 0313700 A3 19900124 (EN)**

Application  
**EP 87309598 A 19871029**

Priority  
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Abstract (en)  
[origin: EP0313700A2] The novel system discloses both a batch operation and a continuous operation for supplying pressured liquid and a pressured slurry to an abrasive-jet cutting nozzle (22). In the batch operation, a single vessel (24) for receiving and pressuring slurry is provided and this vessel (24) goes off line, to be recharged with slurry, when it has disgorged its contents to the nozzle (22). In the continuous operation, a pair of such vessels (24, 24a) are provided, and one supplies the nozzle (22) with slurry while the other, having been emptied, is recharged with slurry; valves (32a, 40a) switch therebetween, to put a re-charged vessel on line, and an emptied one re-charging, to maintain a continuous slurry input for the nozzle.

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CPC (source: EP)  
**B24C 1/045** (2013.01); **B24C 7/0007** (2013.01); **B26F 3/004** (2013.01)

Citation (search report)  
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• [A] US 4037992 A 19770726 - UCHIDA KENJI, et al  
• [A] US 3815286 A 19740611 - PIET M

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