

Title (en)  
APPARATUS FOR AND PROCESS OF WATER GRANULATING MATTE OR SLAG

Title (de)  
VERFAHREN UND VORRICHTUNG ZUM GRANULIEREN VON SCHLACKEN IN WASSER

Title (fr)  
PROCEDE ET DISPOSITIF DE GRANULATION A L'EAU DE MATTE OU DE SCORIES

Publication  
**EP 0988256 A1 20000329 (EN)**

Application  
**EP 98923836 A 19980528**

Priority  
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• US 86648497 A 19970530

Abstract (en)  
[origin: WO9854103A1] Molten matte or slag is water granulated by feeding molten matte or slag through a launder (10a, 10b) to a granulator tank (11a, 11b). Tank (11a, 11b) comprises sloping walls and is equipped with adjustable overflow weirs (22b) and one or more spray nozzles (19a, 19b). Nozzles (19a, 19b) are positioned so water that they emit impacts substantially all of the molten matte or slag that is fed to granulator tank (11a, 11b). Granulation tank (11a, 11b) is optionally coated with a polymeric material to reduce the potential for phreatic explosions. The granulator is optionally equipped with a gas offtake (16b) which can be connected directly to quench tower (14b) which in turn can be connected to an induced ventilation system (15). The granulator is preferably fitted with an explosion relief opening (27b) consisting of durable channels (28b) with explosion relief opening (27b) preferably covered with a polymeric material (29b).

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IPC 8 full level  
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