

Title (en)

Water atomizing nozzle of impact type for dust suppression

Title (de)

Wasserzerstäubungsdüse mit einer Prallfläche zur Staubbekämpfung

Title (fr)

Buse d'atomisation à surface d'impact pour la lutte contre les poussières

Publication

**EP 1048358 A3 20011121 (EN)**

Application

**EP 00107824 A 20000412**

Priority

IT BG990027 A 19990429

Abstract (en)

[origin: EP1048358A2] This water atomizing nozzle forms microscopic water droplets by the action of a high-velocity annular air jet on a tubular water stream bouncing off external disintegrating walls of an impactor member (10), said action generating an air-water mixture which freely expands outside the nozzle. <IMAGE>

IPC 1-7

**B05B 1/26**; **B05B 7/06**

IPC 8 full level

**B05B 1/26** (2006.01); **B05B 3/04** (2006.01); **B05B 7/06** (2006.01)

CPC (source: EP)

**B05B 1/265** (2013.01); **B05B 3/0486** (2013.01); **B05B 7/066** (2013.01)

Citation (search report)

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- [X] PATENT ABSTRACTS OF JAPAN vol. 018, no. 601 (C - 1274) 16 November 1994 (1994-11-16)

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