

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 A2 20001102 (EN)

Application

EP 00107824 A 20000412

Priority

IT BG990027 A 19990429

Abstract (en)

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)

Cited by

CN102803520A; EP2465614A4; CN104254622A; FR2873587A1; RU2653115C2; US8893643B2; WO2011004061A1; WO2006018511A3; WO2014092657A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1048358 A2 20001102; **EP 1048358 A3 20011121**; IT 1309484 B1 20020123; IT BG990027 A1 20001029

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