

Title (en)
Fluid atomising device

Title (de)
Flüssigkeitszerstäuber

Title (fr)
Dispositif de pulvérisation de fluide

Publication
EP 1216757 A1 20020626 (EN)

Application
EP 01310829 A 20011221

Priority
GB 0031673 A 20001223

Abstract (en)
The present invention provides a fluid atomising device 1 suitable for use in a fluid dispersing system. The atomising device 1 comprises a turbine rotor 6 having a plurality of blade portions 22, and at least two nozzles for directing a fluid supplied to the nozzles, onto the turbine rotor in at least two fluid jets 24. The nozzles 14 are formed and arranged so that each fluid jet 24 impinges substantially fully upon one or more of the blade portions 22 of the rotor 6 so that the rotor is rotated under the force of the impinging water, thereby causing the blade portions 22 of the rotor 6 to intercept the fluid jets 24. <IMAGE>

IPC 1-7
B05B 3/04

IPC 8 full level
B05B 3/04 (2006.01)

CPC (source: EP)
B05B 3/0486 (2013.01)

Citation (search report)

- [X] US 4624411 A 19861125 - WON VANN Y [US]
- [X] FR 2266455 A1 19751031 - PERROT REGNERBAU GMBH & CO [DE]
- [X] EP 0339966 A2 19891102 - MAMTIRIM LTD DAN [IL]

Cited by
CN115095933A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1216757 A1 20020626; GB 0031673 D0 20010207

DOCDB simple family (application)
EP 01310829 A 20011221; GB 0031673 A 20001223