

Title (en)

Installation for getting rid of dust emissions from building demolition operations

Title (de)

Anlage zur Unterdrückung von Staubemissionen bei Abbruchmaßnahmen eines Gebäudes

Title (fr)

Installation pour supprimer les émissions de poussières lors des opérations de démolition d'un bâtiment

Publication

EP 1942241 A1 20080709 (FR)

Application

EP 07124112 A 20071228

Priority

FR 0656006 A 20061228

Abstract (en)

The installation (1) has a set of masts (11-14) susceptible to vertically rise under the effect of compressed air pressure. The masts are connected to each other by a set of cables, and mist diffusing nozzles are supported by cables. A set of panels closes a passage of dust. Each nozzle includes a spherical or cylindrical cavity in which a compressed air circuit and a water circuit are opened. An independent claim is also included for a method for suppressing emissions of dust during demolition operations of building.

Abstract (fr)

Installation (1) pour supprimer les émissions de poussières lors des opérations de démolition d'un bâtiment ou d'un ouvrage, caractérisée en ce qu'elle comporte une pluralité de mâts (11, 12, 13, 14) susceptibles de se dresser verticalement sous l'effet d'une pression d'air comprimé, les mâts (11, 12, 13, 14) étant reliés entre eux par une pluralité de câbles (20 1 ,...,20 i ,...,20 N), dont au moins certains sont munis de moyens (31, 32) pour asperger des bâtiments ou des ouvrages.

IPC 8 full level

E04G 23/08 (2006.01)

CPC (source: EP)

E04G 21/242 (2013.01); **E04G 21/30** (2013.01); **E04G 23/08** (2013.01)

Citation (applicant)

- JP 2003147976 A 20030521 - TAIYO KOGYO CO LTD
- JP 2003328596 A 20031119 - JFE ENG KK
- JP 2004290933 A 20041021 - SUZUKEN KOGYO KK
- JP 2004162493 A 20040610 - NAKATSURU HIDEKO, et al
- GB 2396381 A 20040623 - MILLER STEPHEN [GB]

Citation (search report)

- [A] JP 2004169461 A 20040617 - TODA CONSTRUCTION
- [A] JP 2001104905 A 20010417 - METOROBX ENGINEERING KK
- [DA] JP 2004290933 A 20041021 - SUZUKEN KOGYO KK
- [A] JP 2002138676 A 20020517 - SEKISUI HOUSE KK
- [A] DE 9302404 U1 19930408
- [A] NL 1004359 C1 19980428 - WIJK GROEP B V VAN [NL], et al

Cited by

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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