

Title (en)

LIQUID FEED FLAME SPRAY MODIFICATION OF NANOPARTICLES

Title (de)

FLÜSSIGKEITZUFUHR-FLAMMSPRITZMODIFIKATION VON NANOTEILCHEN

Title (fr)

MODIFICATION DE NANOPARTICULES PAR PROJECTION DE FLAMME A ALIMENTATION LIQUIDE

Publication

**EP 1718421 A4 20120307 (EN)**

Application

**EP 05787515 A 20050228**

Priority

- US 2005006481 W 20050228
- US 54872904 P 20040227

IPC 8 full level

**C01B 13/34** (2006.01); **B05D 1/08** (2006.01); **C01F 7/021** (2022.01); **C01F 7/027** (2022.01); **C01G 1/02** (2006.01); **C04B 41/45** (2006.01); **C04B 41/87** (2006.01); **C09C 1/40** (2006.01); **C09C 1/42** (2006.01); **C23C 4/12** (2006.01); **C23C 24/00** (2006.01)

CPC (source: EP)

**B82Y 30/00** (2013.01); **C01B 13/34** (2013.01); **C01F 7/021** (2013.01); **C01F 7/027** (2013.01); **C01G 1/02** (2013.01); **C04B 41/009** (2013.01); **C04B 41/4584** (2013.01); **C04B 41/87** (2013.01); **C09C 1/407** (2013.01); **C09C 1/42** (2013.01); **C23C 4/123** (2016.01); **C23C 4/134** (2016.01); **C23C 24/00** (2013.01); **C01P 2004/32** (2013.01); **C01P 2004/34** (2013.01); **C01P 2004/51** (2013.01); **C01P 2004/64** (2013.01); **C01P 2004/84** (2013.01); **C01P 2006/10** (2013.01); **C01P 2006/12** (2013.01)

C-Set (source: EP)

1. **C04B 41/4584 + C04B 41/4537 + C04B 41/5041**
2. **C04B 41/4584 + C04B 41/4537 + C04B 41/5027**
3. **C04B 41/4584 + C04B 41/4537 + C04B 41/5032**
4. **C04B 41/009 + C04B 35/10**

Citation (search report)

- [X] JP H0570123 A 19930323 - KAO CORP
- [X] US 6054073 A 20000425 - KOBAYASHI AKIRA [JP], et al
- [X] US 4475936 A 19841009 - ASTON GEOFFREY W [GB], et al
- [X] EP 0355481 A1 19900228 - DEGUSSA [DE]
- [X] JP H10169951 A 19980626 - TERADA TAKEO, et al
- See references of WO 2005123272A2

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1718421 A2 20061108; EP 1718421 A4 20120307

DOCDB simple family (application)

EP 05787515 A 20050228