

Title (en)

METHOD AND APPARATUS FOR PRODUCING METAL POWDER

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON METALLPULVER

Title (fr)

PROCEDE ET APPAREIL DE PRODUCTION DE POUDRE METALLIQUE

Publication

EP 1393841 A4 20050223 (EN)

Application

EP 02708666 A 20020326

Priority

- JP 0202911 W 20020326
- JP 2001091941 A 20010328

Abstract (en)

[origin: EP1393841A1] Produce metal powder, especially titanium powder, offering high purity and uniform granular shape and size, in an economical manner using an apparatus that comprises a pressure-resistant container comprising a high-pressure water tank, an injector nozzle for mixture gas of oxygen and hydrogen, a material element-metal feeder part, an ignition plug and a combustion chamber. <IMAGE>

IPC 1-7

B22F 9/02; **B22F 9/06**

IPC 8 full level

B22F 9/02 (2006.01); **B22F 9/06** (2006.01); **B22F 9/08** (2006.01)

CPC (source: EP KR US)

B22F 9/02 (2013.01 - EP US); **B22F 9/04** (2013.01 - KR); **B22F 9/06** (2013.01 - EP US); **B22F 9/08** (2013.01 - EP US);
B22F 2009/0848 (2013.01 - EP US); **B22F 2009/086** (2013.01 - EP US)

Citation (search report)

- [XP] WO 0136337 A1 20010525 - PHILD CO LTD [JP], et al
- [XP] EP 1167292 A1 20020102 - PHILD CO LTD [JP]
- [A] US 2269528 A 19420113 - GALLUP JOHN L & EP 1238946 A1 20020911 - PHILD CO LTD [JP]
- See also references of WO 02078883A1

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EP1452491A4; EP1374836A4; US7300672B2; US8128789B2

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