

Title (en)

Improved powder feeding apparatus for treaded articles

Title (de)

Pulverzufuhrvorrichtung zur Pulverbeschichtung von Werkstücken mit einem Gewinde

Title (fr)

Appareil d'alimentation en poudre pour le poudrage de pièces filetées

Publication

EP 0901833 A2 19990317 (EN)

Application

EP 98650061 A 19980910

Priority

US 92660197 A 19970910

Abstract (en)

A continuous-flow powder feeding device for use in applying powder to threaded articles. A by-pass line (25) permits powder to constantly circulate through a powder supply line (35). In response to a signal that a threaded article is in a position for powder to be applied, the powder supply line is automatically moved out of communication with the by-pass line (25), and into communication with a powder application line (35). <IMAGE>

IPC 1-7

B05B 7/14

IPC 8 full level

B05B 7/14 (2006.01)

CPC (source: EP KR)

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Citation (applicant)

- US 5362327 A 19941108 - SESSA EUGENE [US], et al
- US 4054688 A 19771018 - DUFFY RICHARD J, et al
- US 4100882 A 19780718 - DUFFY RICHARD J, et al
- US 5025750 A 19910625 - SESSA EUGENE D [US], et al
- US 4060868 A 19771206 - AXVIG MAYNARD ARNOLD, et al
- US 5620520 A 19970415 - DUFFY RICHARD J [US], et al
- US 5620741 A 19970415 - DUFFY RICHARD J [US], et al
- US 5571323 A 19961105 - DUFFY RICHARD J [US], et al
- US RE33366 E 19901002

Cited by

ITTO20131002A1; EP2884569A1; US9590229B2

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