

Title (en)

Method and apparatus for vibrating mass treatment of metal surfaces in a continuous cycle of controllable treatment time.

Title (de)

Verfahren und Einrichtung zur kontinuierlichen Vibrationsbehandlung von Metalloberflächen mit regelbarer Behandlungsdauer.

Title (fr)

Procédé et appareil pour le traitement vibratoire de surfaces métalliques suivant un cycle continu à durée de traitement commandée.

Publication

EP 0066007 A1 19821208 (EN)

Application

EP 81108230 A 19811012

Priority

IT 2205381 A 19810529

Abstract (en)

Method and apparatus for vibrating mass treatment of metal surfaces, comprising finishing means forming, together with the workpieces being treated, an incoherent mass which is caused to advance along a preset path (A) at the end whereof the separation of the treated workpieces from the finishing means is effected and the finishing means are cycled back. To control the duration of the treatment cycle, a controlled portion of the finishing means is introduced into the path (A) at one or more locations (25) in a zone downstream at a distance from the beginning zone (8) of the cycle to form a weir counterhead and slow down the advancing incoherent mass upstream.

IPC 1-7

B24B 31/06

IPC 8 full level

B24B 31/06 (2006.01)

CPC (source: EP)

B24B 31/062 (2013.01)

Citation (search report)

- [X] US 4254586 A 19810310 - ANDERSON GORDON H, et al
- [A] US 3831322 A 19740827 - RAMPE J
- [A] US 3685213 A 19720822 - RAMPE JOHN F
- [A] US 3337997 A 19670829 - RAMPE JOHN F
- [AD] US 3071900 A 19630108 - BALZ GUNTHER W

Cited by

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DOCDB simple family (publication)

EP 0066007 A1 19821208; ES 509984 A0 19830616; ES 8306628 A1 19830616; GR 76436 B 19840810; IT 1136768 B 19860903; IT 8122053 A0 19810529; PT 74327 A 19820201; PT 74327 B 19841029

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EP 81108230 A 19811012; ES 509984 A 19820227; GR 820167361 A 19820222; IT 2205381 A 19810529; PT 7432782 A 19820122