

Title (en)

Surface polishing apparatus with upper surface plate elevating mechanism

Title (de)

Oberflächenpoliervorrichtung mit Oberseiteplatte Anhebmechanismus

Title (fr)

Dispositif de polissage comprenant un mécanisme de levage du plateau supérieur

Publication

**EP 0931624 A3 20001108 (EN)**

Application

**EP 99300410 A 19990120**

Priority

JP 2509498 A 19980122

Abstract (en)

[origin: EP0931624A2] A surface polishing apparatus is provided with an upper surface plate elevating mechanism that can use a small elevating mechanism to simply and accurately raise and lower an upper surface plate 3 and stop it at a specified position even if the total weight of the upper surface plate, including associated equipment, is large. A plurality of air cylinders 15 constantly support part of the load of the upper surface plate assembly 3A, which includes the upper surface plate 3 and a surface plate supporting frame 5. A servo motor 16 is used to raise and lower the upper surface plate assembly 3A and to stop it at a specified position. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

**B24B 7/17** (2013.01); **B24B 37/08** (2013.01); **B24B 37/345** (2013.01)

Citation (search report)

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- [A] US 5317837 A 19940607 - STAEBLI ARTHUR W [CH]
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