

Title (en)

One-engined driven device for a diamant holder with angular and longitudinal movement.

Title (de)

Von einem Einzelmotor angetriebene Vorrichtung für einen Diamanthalter mit Winkel- und Longitudinalbewegung.

Title (fr)

Dispositif d'entraînement monomoteur pour porte-diamant avec mouvement angulaire et longitudinal.

Publication

**EP 0596179 B1 19940601 (FR)**

Application

**EP 92811021 A 19921223**

Priority

EP 92811021 A 19921223

Abstract (en)

[origin: EP0596179A1] Single-motor drive device for a diamond holder (32; 32') particularly comprising a motor (14) which rotationally drives a main shaft (2; 2') and a correction shaft (1; 1'), the said main shaft itself rotationally driving the said diamond holder (32; 32'), a clutch (20; 20') which makes it possible to couple or uncouple the shafts, a cam/feeler assembly (34, 31; 34', 31') making it possible to convert the rotational movement of the correction shaft into a longitudinal movement of the diamond holder so that when the correction shaft and the main shaft connected by the clutch rotate simultaneously the diamond holder executes solely an angular movement; when the two shafts are uncoupled and only one of the two shafts rotates, the diamond holder executes either just a longitudinal displacement or both a longitudinal and an angular displacement. <IMAGE>

IPC 1-7

**B24B 53/08**

IPC 8 full level

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CPC (source: EP US)

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