

Title (en)

Apparatus for cutting and shaping material.

Title (de)

Vorrichtung zum Schneiden und Formen eines Materials.

Title (fr)

Dispositif pour couper et former un matériau.

Publication

EP 0510828 A2 19921028 (EN)

Application

EP 92303049 A 19920407

Priority

US 69136491 A 19910425

Abstract (en)

Apparatus for cutting and shaping material which includes at least one bearing arrangement. The bearing arrangement comprising: a hollow sleeve member; a rotatable shaft disposed in the hollow sleeve member; a bearing race assembly disposed between the hollow sleeve member and the rotatable shaft to facilitate the relative rotation therebetween; and an end cap disposed to close off the hollow sleeve member and enclose the bearing arrangement. Fluid is injected into the internal environment of the hollow sleeve member and caused to flow, at least in part, between the components and out of the bearing arrangement so as to prevent the ingress of unwanted material into the arrangement. <IMAGE>

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