

Title (en)  
BURNER

Title (de)  
BRENNER

Title (fr)  
BRULEUR

Publication  
**EP 1137898 A1 20011004 (EN)**

Application  
**EP 99963405 A 19991207**

Priority  
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Abstract (en)  
[origin: WO0034713A1] A description is provided of a burner (1) for introducing solid, liquid and/or gaseous fuel into a burning zone of a kiln, such as a rotary kiln for manufacturing cement clinker or similar products, which burner (1) comprises one or several substantially concentric pipes (2, 3, 4, 7) for conducting fuel and primary air, where the outermost pipe may comprise a refractory lining (12) to protect the burner against the hot kiln atmosphere. The burner is distinguished in that it comprises a turning means (21) by means of which at least the outermost pipe can be rotated about the longitudinal axis of the burner. It is hereby obtained that build-up of deposits on the upper side of the burner during operation can be avoided, and that the abrasion and radiant heat arising from the product flow will be evenly distributed across the entire circumference of the burner.

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