

Title (en)  
Centreless grinder.

Title (de)  
Spitzenlose Schleifmaschine.

Title (fr)  
Machine à rectifier sans centre.

Publication  
**EP 0674970 A1 19951004 (EN)**

Application  
**EP 95301796 A 19950317**

Priority  
• JP 6147094 A 19940330  
• JP 27084094 A 19941104

Abstract (en)  
An engine valve (3) which comprises a head (3b) and a stem (3a) is put and ground between the grinding (4) and adjusting (5) wheels in a centerless grinder. The head (3b) is projected at one end of the engine valve (3) from the grinding wheel (4). Thrust force is given towards the projected end of the engine valve by inclining the adjusting wheel (5), and the projected end of the engine valve (3) is supported by an engaged portion of a stopper device (13). The stem (3a) of the engine valve (3) is accurately ground by the width of the grinding wheel (4) from the projected end of the engine valve (3). <IMAGE>

IPC 1-7  
**B24B 15/04**; **B24B 5/307**

IPC 8 full level  
**B24B 5/18** (2006.01); **B24B 5/307** (2006.01); **B24B 15/04** (2006.01)

CPC (source: EP)  
**B24B 5/307** (2013.01); **B24B 15/04** (2013.01)

Citation (search report)  
• [XY] US 1938764 A 19331212 - HAAS FREDERICK S, et al  
• [Y] EP 0456590 A1 19911113 - REALISATION ET DE DIFFUSION SE [FR]  
• [A] DE 4117494 A1 19911024 - NOMOCO MASCHINENBAU GEBRUEDER [DE]  
• [A] US 3903655 A 19750909 - SOMMER PETER J

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DE FR GB IT

DOCDB simple family (publication)  
**EP 0674970 A1 19951004**; JP H07314300 A 19951205

DOCDB simple family (application)  
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