

Title (en)  
Expansion lapping machine for borings.

Title (de)  
Expansions-Läppvorrichtung für Bohrungen.

Title (fr)  
Machine de rodage par expansion d'alésages.

Publication  
**EP 0430817 B1 19940202 (FR)**

Application  
**EP 90403420 A 19901130**

Priority  
FR 8915836 A 19891130

Abstract (en)  
[origin: EP0430817A1] Machine for the lapping of bores, comprising at least one lapping spindle (1) driven in a rotational movement about its axis and in an oscillating axial translational movement and carrying, at its free end, at least one expansion lapper, the expansion of which is controlled by expansion head (5) mounted on the spindle at a location distant from the lapper, this head comprising, for each lapper, an expansion control motor (9, 9'), the movement of which is transmitted to the lapper by mechanical transmission, characterised in that a displacement sensor (23) is associated with the transmission between the expansion motor (9, 9') and the lapper, to detect the position of an element of said transmission and to transmit it to the expansion control. <IMAGE>

IPC 1-7  
**B24B 33/06**

IPC 8 full level  
**B24B 33/06** (2006.01)

CPC (source: EP)  
**B24B 33/06** (2013.01)

Cited by  
CN109366358A; EP0719617A1; FR2728493A1; WO03031118A1

Designated contracting state (EPC)  
CH DE ES FR GB IT LI SE

DOCDB simple family (publication)  
**EP 0430817 A1 19910605; EP 0430817 B1 19940202**; DE 69006461 D1 19940317; DE 69006461 T2 19940519; ES 2049444 T3 19940416; FR 2654968 A1 19910531; FR 2654968 B1 19940722

DOCDB simple family (application)  
**EP 90403420 A 19901130**; DE 69006461 T 19901130; ES 90403420 T 19901130; FR 8915836 A 19891130