

Title (en)
METHOD FOR FINELY PROCESSING A CYLINDRICAL INNER SURFACE

Title (de)
VERFAHREN ZUR FEINBEARBEITUNG EINER ZYLINDRISCHEN INNENFLÄCHE

Title (fr)
PROCEDE D'USINAGE DE PRÉCISION D'UNE SURFACE INTERNE CYLINDRIQUE

Publication
EP 1594655 A1 20051116 (DE)

Application
EP 03785876 A 20031218

Priority
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Abstract (en)
[origin: DE10306864B3] The cylinder is made off two cylinders of different hardness. A first hard cylinder (4) is butted (14) against a soft cylinder (6) underneath. The inside diameter of the composite cylinder may be machined to a double cone shape (11), with the butt joint in a gently sloping region. The hone may have two stones (8) on a movable holder (7). The alteration in radius (12) may be between 10 and 100 μ and the conical region may be between 20 and 200 mm long.

IPC 1-7
B24B 33/02; **B24B 1/00**

IPC 8 full level
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