

Title (en)  
DENTAL AIR-POLISHING DEVICE

Title (de)  
DENTALE LUFT-POLIERVORRICHTUNG

Title (fr)  
DISPOSITIF AEROPOLISSEUR DENTAIRE

Publication  
**EP 1450720 A1 20040901 (FR)**

Application  
**EP 02790504 A 20021011**

Priority  
• FR 0203464 W 20021011  
• FR 0113110 A 20011011

Abstract (en)  
[origin: FR2830744A1] The invention concerns a dental air-polishing tool comprising a body (2) and a nozzle (3), the latter being designed to spray under pressure on the teeth to be polished, an abrasive powder surrounded with a liquid jet. Said tool is characterized in that the nozzle (3) comprises three deformable elements, namely a first tubular element (10) forming an axial channel, a second tubular element (9) externally concentric thereto, a third tubular element, arranged between the first two (9, 10), and which is provided with longitudinal channels (13) providing a fluid flow, said three elements (9, 10, 11) being capable of being curved and straightened, at least one of them being designed to maintain the other two in the curved or straightened position which has been imparted thereto.  
[origin: FR2830744A1] The dental polisher, comprising a body with a nozzle for projecting an abrasive powder such as sodium bicarbonate under pressure, surrounded by a jet of liquid, has two flexible concentric tubes and an intermediate spacer with lengthwise channels to deliver the powder and water. The tubes and spacer form a detachable sub-assembly can be bent at an angle and straightened again as required.

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