

**Transpedicular anchoring screw with reinforced secondary stability****ABSTRACT**

5

A transpedicular anchoring screw (1) including a screw body (11) having a first helical thread (2) having:

- a proximal portion (22), having notched portions inscribed within notched angular sectors and separated by separation portions inscribed within separation angular sectors, where, over a screw pitch, a ratio between the sum of the measurements of the separation angular sectors and the sum of the measurements of the notched angular sectors is comprised between 50% and 150%; and

- a distal portion (23), having notched portions inscribed within notched angular sectors and separated by separation distal portions inscribed within separation angular sectors, where, over a screw pitch, a ratio between the sum of the measurements of the separation angular sectors and the sum of the measurements of the notched angular sectors is comprised between 0% and 10%.

20

**Figure 2**