

Title (en)

METHODS AND INSTRUMENTS FOR ASSESSING BONE FRACTURE RISK

Title (de)

VERFAHREN UND INSTRUMENTE ZUR BEURTEILUNG DES KNOCHENFRAKTURRISIKOS

Title (fr)

PROCEDES ET INSTRUMENTS D'EVALUATION D'UN RISQUE DE FRACTURE DE L'OS

Publication

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Application

EP 06752167 A 20060503

Priority

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Abstract (en)

[origin: WO2006121737A2] Methods and instruments for assessing bone, for example fracture risk, in a subject in which a test probe is inserted through the skin of the subject so that the test probe contacts the subject's bone and the resistance of the test bone to microscopic fracture by the test probe is determined. Macroscopic bone fracture risk is assessed by measuring the resistance of the bone to microscopic fractures caused by the test probe. The microscopic fractures are so small that they pose negligible health risks. The instrument may also be useful in characterizing other materials, especially if it is necessary to penetrate a layer to get to the material to be characterized.

IPC 8 full level

A61B 5/103 (2006.01)

CPC (source: EP)

A61B 5/4504 (2013.01); **A61B 5/6848** (2013.01); **A61B 10/025** (2013.01); **G01N 3/42** (2013.01); **A61B 5/4509** (2013.01); **G01N 2203/0003** (2013.01); **G01N 2203/0019** (2013.01); **G01N 2203/0064** (2013.01); **G01N 2203/0082** (2013.01); **G01N 2203/0089** (2013.01)

Citation (search report)

- [XY] WO 9953292 A1 19991021 - SMITH & NEPHEW INC [US]
- [Y] WO 9808073 A1 19980226 - OSTEObIOLOGICS INC [US]
- [Y] US 5879312 A 19990309 - IMOTO TOSHIYUKI [JP]
- [Y] US 5503162 A 19960402 - ATHANASIOU KYRIACOS [US], et al
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Citation (examination)

- FR 2391695 A1 19781222 - BOYER EDMOND [FR]
- DE 10018769 A1 20011031 - TUHH TECH GMBH [DE]

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