

Title (en)
ORIENTED PYRAMID INSERTS

Title (de)
AUSGERICHTETE PYRAMIDENFÖRMIGE EINSÄTZE

Title (fr)
INSERTS PYRAMIDAUX ORIENTÉS

Publication
EP 2231994 A2 20100929 (EN)

Application
EP 08866510 A 20081222

Priority
• US 2008088014 W 20081222
• US 1624307 P 20071221

Abstract (en)
[origin: WO2009086302A2] An earth boring drill bit comprising cones, each cone having rows of inserts, where the inserts are in the form of a pyramid with four sides. The insert includes ridges at the juncture of each adjacent side. The ridges extend to the top of the insert and meet at a crest. Oppositely disposed ridges on the insert lie substantially in the same plane, thereby forming two planes intersecting on the crest. The two planes are substantially perpendicular. The inserts are arranged on the cone such that one plane is substantially parallel with the insert row, and the other is substantially parallel with the cone axis.

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CPC (source: EP)
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Citation (search report)
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