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[Continued on next page]

(54) Title: A SAWING WIRE WITH ABRASIVE PARTICLES PARTLY EMBEDDED IN A METAL WIRE AND PARTLY
HELD BY AN ORGANIC BINDER

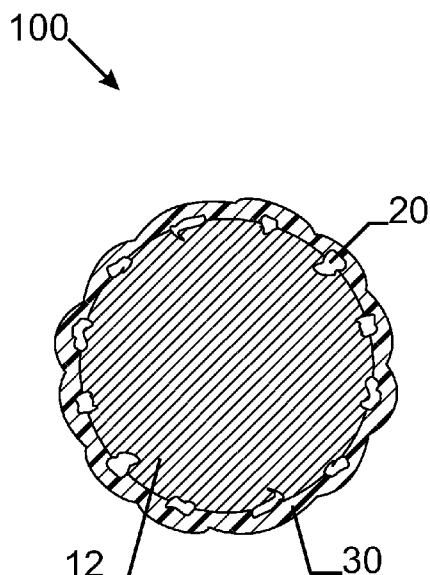


Fig. 1a

(57) Abstract: A sawing wire (100,110,120,130) with abrasive
particles (20) is presented wherein the particles (20) are partly
embedded in said a metallic core (14) and partly in said an or-
ganic binder layer (30). The advantage of the wire
(100,110,120,130) is that the application of a metallic binder
layer (30) can be avoided. Metallic binder layers add to the cost
of a fixed abrasive sawing wire and in many cases pose health
and safety problems which can be avoided by the use of an or-
ganic binder layer. Moreover the advantages of a good fixture
of the abrasive particles in the metallic wire are maintained.
Different embodiments are presented with different degrees of
embedment into the metal wire.



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