

Title (en)
REPLACEABLE CONVEYING SPIRAL FOR A DRILL BIT

Publication
EP 0201724 B1 19900627 (DE)

Application
EP 86104843 A 19860409

Priority
DE 3517560 A 19850515

Abstract (en)
[origin: US4699226A] An interchangeable conveying spiral which can be removably, slidably mounted on a drill shaft for conveying drillings away from a drill head mounted on the end of the spiral. The spiral includes an elongated strip having at least first and second substantially orthogonal webs. The first web has a free, squared-off end. The strip is wound in a spiral with the free, squared-off end of one turn abutting the free, squared-off end of an adjoining turn of the spiral so that the first web forms a closed jacket tube which can be removably, slidably mounted on a drill shaft, and the second web serves exclusively as a transporting shoulder for conveying drillings.

IPC 1-7
B21C 37/26; **E21B 17/22**

IPC 8 full level
B21C 37/26 (2006.01); **E21B 17/22** (2006.01)

CPC (source: EP US)
B21C 37/26 (2013.01 - EP US); **E21B 17/22** (2013.01 - EP US)

Cited by
US4883135A; EP0322554A1; EP2468427A3; JP2016204940A; US9802226B2; EP3118180A1; EP3581756A1; WO2019238411A1; US11525308B2

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EP 86104843 A 19860409; DE 3517560 A 19850515; DE 3672294 T 19860409; US 86224386 A 19860512