

Title (en)

Auger cleaner.

Title (de)

Reiniger für Schneckenbohrer.

Title (fr)

Dispositif de nettoyage pour tarière.

Publication

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Application

EP 90311949 A 19901101

Priority

- GB 8925391 A 19891110
- GB 9001455 A 19900122

Abstract (en)

The invention provides a scraper blade (1) for an auger cleaner (A), said scraper blade being interposable between flights (3) of an auger; the invention is characterised in that the scraper blade (1) has a helical shape extending from its cutting edge, said helical shape having an angle to its intended axis which generally conforms to, or is greater than, the angle of attack of the flights of the auger with which it is intended to be used. The scraper in accordance with the present invention is preferably provided with a rotary body (4) provided with a discharge aperture (5), which body is rotatable relative to the auger axis by means of drive means (7, 8), thereby to urge the scraper into cutting relationship with spoil or debris disposed upon the auger flights (3). The arrangement requires less power than has previously been required in cleaners of this type and is much less prone to jamming in severe conditions.

IPC 1-7

E21B 12/06

IPC 8 full level

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CPC (source: EP)

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Cited by

CN112252993A; CN115613965A; CN108457600A; FR3127420A1; CN110295852A; EP1367215A1; DE102012006306A1; GB2318135A; GB2333547B; NL1033258C2; FR3060048A1; US10315856B2; WO2020201537A1; WO2018109356A1

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