

Title (en)

AUGER FOR USE WITH TRENCHING ASSEMBLY

Title (de)

SCHNECKE ZUR VERWENDUNG MIT GRABENVORRICHTUNG

Title (fr)

TARIÈRE DESTINÉE À ÊTRE UTILISÉE AVEC UN ENSEMBLE D'EXCAVATION

Publication

EP 2002062 A1 20081217 (EN)

Application

EP 07754235 A 20070327

Priority

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- US 74381606 P 20060327

Abstract (en)

[origin: US2007220783A1] A trenching assembly featuring a novel auger arrangement. The arrangement comprises an auger assembly and a digging chain rotatably connected to a trenching boom. The digging chain rotates, driven by a motor, to dislodge soil and creating a trench. The dislodged soil, or spoil, builds up near a projected path of the digging chain. The auger assembly operates to move the spoil from a projected path of the trench. The auger rotates independently from the digging chain and is positioned such that a projected width of the digging chain intersects a threaded length of the auger assembly. The auger may rotate faster than if driven by the digging chain, allowing the auger to have a smaller diameter than conventional augers. Further, the auger can be used in conjunction with a backfill blade to refill cleaned trenches without operation of the digging chain.

IPC 8 full level

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