

ABSTRACT

"Soil displacement auger head for installing piles in the soil"

Soil displacement auger head (1) for installing piles (13) in the soil, comprising a tip (12), a displacement body (14) having at least over a lower portion (15) a core diameter increasing in a direction away from said tip (12), and at least one screw flange (16) extending at least over said lower portion (15) of the displacement body (14). To obtain a more efficient displacement, the pitch of the screw flange increases and the core diameter of the displacement body (14) increases preferably discontinuously via a number of transition slopes (17).

Figure 3 shall accompany the publication of the abstract.