

Title (en)
DRUM FOR SANDING BELT.

Title (de)
TROMMEL FÜR SCHLEIFBAND.

Title (fr)
TAMBOUR POUR BANDE ABRASIVE.

Publication
EP 0016782 A4 19800820 (EN)

Application
EP 79900663 A 19800114

Priority
US 91372178 A 19780607

Abstract (en)
[origin: WO8000033A1] A drum (10) adapted to be coupled to the chuck (20) of a hand drill for mounting a sanding belt (24) for rotation. The drum (10) is of one-piece construction and has a central, imperforate web (12) integral with flexible flanges (14) on the outer periphery of the web (12). The web (12) and flanges (14) are formed from a resilient material, so that the web (12) can expand or stretch and the flanges (14) can flex under centrifugal force to increase the frictional engagement between the web (12) and flanges (14) and the inner surface of a sanding belt (24) on the drum (10). In one form of the drum (10) the flanges (14) have a pair of continuous ribs (22) at respective side extremities thereof. This drum is adapted for use with a cylindrical sanding belt (24) having a pair of axially spaced annular shoulders (28) on the inner surface thereof, the ribs (22) being adapted to engage the shoulders (28) to prevent axial movement of the belt (24) on the drum (10). Another embodiment of the drum (10) is free of such ribs (22) and is adapted to be used with a sanding belt which may have abrasive on both the inner and outer surfaces thereof.

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B24D 9/02 (2006.01)

CPC (source: EP)
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Citation (search report)

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