

Title (en)

Belt grinding assembly having pivoting means.

Title (de)

Bandschleifvorrichtung mit schwenkbaren Mitteln.

Title (fr)

Dispositif de meulage à bande muni de moyens de pivotement.

Publication

EP 0509744 A2 19921021 (EN)

Application

EP 92303314 A 19920414

Priority

US 68677491 A 19910417

Abstract (en)

The belt grinding assembly according to the present invention includes (1) a frame (2) a belt grinding mechanism comprising a continuous abrasive belt having a backing with front and rear surfaces, and abrasive granules attached along the front surface; a mechanism for driving the abrasive belt in a first direction along a path relative to the frame; (3) a backup having a support surface for the belt along the path; which support surface is straight in the first direction and has a uniform shape corresponding to the shape of the edge surface in a direction at a right angle to the first direction; (4) a wheel having a periphery, a wheel axis at a right angle to the first direction; a mechanism mounting the wheel on the frame for rotation about the wheel axis; drive mechanism for rotating the periphery of the wheel past a loading station relative to the frame, and then past the support surface at a uniform rate of speed and in a first rotational direction; and (5) a plurality of pivoting object holder assemblies including an engagement mechanism for releasably engaging and holding an object along the radially outward side. <IMAGE>

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IPC 8 full level

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CPC (source: EP KR)

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