

Title (en)

Device for removing damaged spots from rubber parts.

Title (de)

Vorrichtung zum Entfernen beschädigter Stellen in Gummiteilen.

Title (fr)

Dispositif pour découper des zones endommagées dans des pièces de caoutchouc.

Publication

EP 0385133 B1 19950503 (DE)

Application

EP 90102226 A 19900205

Priority

DE 8901906 U 19890217

Abstract (en)

[origin: US5054971A] The present invention refers to an apparatus for removing damaged portions of rubber components, in particular of steel-braced radial-ply tyres, including a driven and rotating tool. The tool (1) consists of a sleeve whose wall thickness tapers like a knife in the tool operating direction thus forming essentially an edge (9) and the front edge (9) of the tool has formed therein notches (7). It will be expedient when the outer circumferential surface (11) of the sleeve extends essentially parallel to the axis (13) thereof, and it will be expedient when the inner circumferential surface (15) extends at an oblique angle outwards in the front area of the sleeve. The sleeve can consist of a cutting crown (3) and of a carrier sleeve (5), the cutting crown (3) being preferably made of a material of high hardness, in particular of hard metal (FIG. 1).

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