

Title (en)
BUFFING DISC OR WHEEL

Publication
EP 0143336 A3 19860205 (DE)

Application
EP 84112890 A 19841025

Priority
DE 3338964 A 19831027

Abstract (en)
[origin: US4599761A] A polishing disk or polishing roller includes a rigid carrier ring and a yieldable layer of textile material attached to the circumference of the carrier ring. So as to permit smooth polishing of a workpiece free of any smudges or smears, the yieldable layer consists of a plurality of single threads distributed over the periphery of the carrier ring; when the carrier ring is rapidly rotated, the threads extend with their free outer ends,-which preferably have a length from 30 to 50 cm,-substantially radially outwards under the action of the centrifugal force. The polishing disk is provided with border rings of textile material on its lateral ends; each border ring is separated by radial slits into single and mutually overlapping segments of textile material.

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B24D 13/04

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B24D 13/04 (2006.01); **B24D 13/10** (2006.01)

CPC (source: EP US)
B24D 13/08 (2013.01 - EP US); **B24D 13/10** (2013.01 - EP US)

Citation (search report)
• [X] GB 906510 A 19620919 - F L & J C CODMAN COMPANY
• [A] US 2294245 A 19420825 - SCHLEGEL CARL F
• [A] FR 2198365 A5 19740329 - RHONE POULENC TEXTILE [FR]
• [A] FR 1418358 A 19651119 - OSBORN MFG CO
• [A] FR 589087 A 19250522
• [A] FR 830190 A 19380722
• [A] US 2816403 A 19571217 - PETERSON RUBEN O
• [A] US 3969090 A 19760713 - SASENA ROBERT C, et al

Cited by
DE102017105394A1; DE102017105394B4; CN110405644A

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AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
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