

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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