

## Title (en)

Device for obtaining safety stamps applicable to paper or other laminar elements

## Title (de)

Vorrichtung zum Herstellen von Sicherheitsstempeln für Papier oder andere laminierte Elemente

## Title (fr)

Dispositif pour l'obtention de marques de sécurité applicables au papier ou autres éléments laminés

## Publication

**EP 0893202 A3 20000830 (EN)**

## Application

**EP 98500139 A 19980610**

## Priority

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## Abstract (en)

[origin: EP0893202A2] Device for obtaining safety stamps applicable to paper or other laminar elements. Said device comprises a supporting cylinder (a) for paper (3) fitted with reliefs (5) separated from an abrasive periphery (2') wheel (b) along a distance that is shorter than the height of said relief (5) peaks (5'); the device includes antisliding pressure means (c) and adjustment means (d) for applying the paper (3) to the cylinder (a) side walls (1'), in addition to angular drive means (15) in said supporting cylinder (a). In view that the distance separating the abrasive wheel (b) from the supporting cylinder (a) is shorter than the height of the relief (5) peaks (5') when the relief (5) enters the contact zone, the abrasive periphery (2') of the wheel (b) abrades the ends of said peaks (5'), resulting in a water mark being implemented. The antisliding pressure means (c) secure the paper (3) in place, while the adjustment means (d) preclude any paper (3) maladjustment in the critical abrasion zone. <IMAGE>

## IPC 1-7

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## Citation (search report)

- [A] US 4720325 A 19880119 - RAUSING HANS [GB], et al
- [A] DE 3718452 A1 19880128 - CICCONE NICOLAS TADEO [AR], et al
- [A] US 4815379 A 19890328 - BECKER WILLI [DE], et al
- [A] US 5183252 A 19930202 - WOLBER JACK [US], et al
- [A] US 1963448 A 19340619 - ROBBINS FRANK D
- [A] US 3683559 A 19720815 - KALWAITES FRANK

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