

Title (en)
Embossing roller for an embossing device

Title (de)
Prägewalze für eine Prägevorrichtung

Title (fr)
Cylindre de gaufrage pour outil de gaufrage

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Application
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Abstract (en)
[origin: US5937759A] PCT No. PCT/DE96/00649 Sec. 371 Date Nov. 25, 1997 Sec. 102(e) Date Nov. 25, 1997 PCT Filed Apr. 6, 1996 PCT Pub. No. WO97/01442 PCT Pub. Date Jan. 16, 1997 Described is a stamping roller (10) intended for a stamping apparatus, which roller has a central carrier roller (12) and stamping punch portions (24) which are spaced from each other in the peripheral direction, wherein fixed to the carrier roller is at least one punch ring whose two axially mutually spaced edge portions are designed with spacer rings (26) for the defined contact of at least one associated backing roller (28), and the punch ring (20) is designed with the stamping punch portions (24) between the two spacer rings (26). The/each punch ring (20) is matched to the carrier roller (12) in respect of dimensions and material in such a way that the/each punch ring (20) is displaceable on the carrier roller (12) at ambient temperature and at elevated stamping or operating temperature of the stamping roller (10) thermal expansion fixes the/each punch ring (20) on the carrier roller (12). The or each punch ring (20) has a heat-insulation portion between the two lateral spacer rings (26) and between adjacent punch portions (24). Lateral cover means (34) adjoin the/each punch ring (20).

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