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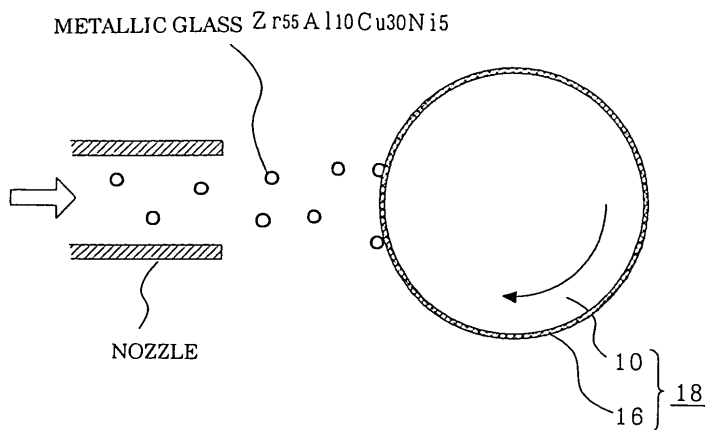
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<div>(84) Designated Contracting States: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR Designated Extension States: AL HR LT LV MK YU</div>	<div>(72) Inventors: • Hirasawa, Eiji Suwa-shi, Nagano-ken 392-8502 (JP) • Nishikawa, Mitsutaka Suwa-shi, Nagano-ken 392-8502 (JP)</div>
<div>(30) Priority: 21.11.2003 JP 2003392032 08.10.2004 JP 2004295773</div>	<div>(74) Representative: HOFFMANN - EITLE Patent- und Rechtsanwälte Arabellastrasse 4 81925 München (DE)</div>
<div>(71) Applicant: SEIKO EPSON CORPORATION Shinjuku-ku, Tokyo 163-0811 (JP)</div>	

(54) Method for processing cylinder periphery, processes for producing development roller and photoconductor drum, and development roller and photoconductor drum

(57) To provide a method for processing cylinder peripheries, capable of highly precise, stable transfer; a process for producing a development roller and a photoconductor drum; and the development roller and the photoconductor drum produced by the process. Asperities formed on a die are transferred to a metallic glass film (16) formed on the periphery of a cylindrical column-shaped or cylindrical tube-shaped core (10) of a roller (18) by: heating the metallic glass film (16) to turn into a viscous fluid; and rotating or rolling the roller (18) while the metallic glass film (16) is pressed against the die having the asperities. The metallic glass film (16) is formed by, for example, thermal-spraying a metallic glass (14) in a liquid state onto the periphery of the core (10).

FIG. 3





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EUROPEAN SEARCH REPORT

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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 19 May 2005	Examiner Slembrouck, I
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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