

Title (en)
Method of producing an abrasive tape

Title (de)
Schleifband-Herstellungsverfahren

Title (fr)
Procédé de fabrication d'une bande adhésive

Publication
EP 0938951 B1 20020904 (EN)

Application
EP 99105025 A 19930602

Priority
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Abstract (en)
[origin: EP0938951A2] The grinding tape (11) consists of a film substrate (2) and a grinding layer (10) laminated on one surface. It has a plurality of recesses (9) in the surface of the grinding layer (10), a film substrate (2) is wound partially around the circumferential surface of a roll intaglio (1) provided with several recesses (5) in its surface. The film substrate (2) is fed as the roll intaglio (1) is rotated. In the meantime, an ionising radiation setting resin (3) is fed between the roll intaglio (1) and the film substrate (2) passed around it, in such a manner that the resin (3) is shaped by the recesses (5) to cause recesses (9) to be formed in the surface of the resin (3). During the shaping of the resin (3), the radiation R is applied from an ionising radiation source (8) to the resin (3) so as to harden the resin (3) and combine the resin (3) and film substrate (2) with each other unitarily. A grinding tape (11) thus obtained is peeled off from the roll intaglio (1).

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