

Title (en)
DEVICE FOR APPLYING AN ADHESIVE

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Application
EP 86103017 A 19860307

Priority
DE 8507513 U 19850314

Abstract (en)
[origin: US4662979A] The invention relates to a gluing apparatus which can be used in particular as part of a book casing-in machine. The gluing apparatus includes an application roller for applying a glue layer to a surface to be glued and a dosing roller for dosing the amount of glue. The application roller comprises an axis-parallel depression and the dosing roller comprises an axis-parallel projection engaging in the depression. The profile of the projection (20) of the dosing roller (2) merges from the cylindrical peripheral surface (4) via an involute into a coaxial cylindrical portion (22) of greater diameter while the profile of the depression (10) of the application roller (1) merges from the cylindrical peripheral surface (3) via a curve forming the counter profile to the involute of the projection (20) into a coaxial cylindrical portion (12) of smaller diameter. The configuration of the profiles of the application roller and the dosing roller according to the invention permit simple and economic production of the rollers and ensures that the glue bead can escape upwardly out of the roller gap unrestricted and without any danger of inclusions.

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Citation (search report)
[A] US 3919971 A 19751118 - LUBECK HERMANN

Cited by
CN116037387A; DE202011107285U1; EP1780037A1; EP1391321A1; US7922436B2; US6186721B1; US8123450B2

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