

Title (en)

PROCESS AND DEVICE FOR VARNISHING HOLLOW CYLINDRICAL BODIES ALL-AROUND, SUCH AS CAN-BODIES

Publication

**EP 0050269 B1 19850320 (DE)**

Application

**EP 81108013 A 19811007**

Priority

DE 3039812 A 19801022

Abstract (en)

[origin: EP0050269A1] 1. Procedure for overall coating of cylindrical hollow bodies (4) such as can bodies, in which the hollow bodies (4) are held on mandrels (3) which may be driven round their longitudinal axis and are positioned on a driven mandrel wheel (1), pressed against a driven coating roller (2) of a coating mechanism, which extends parallel to the mandrel wheel axis, and guided together with the mandrels (3) along the contour of the roller while in contact with the coating roller (2), characterized by the hollow bodies (4) and the coating roller (2) being driven at different circumferential speeds of between a minimum of 2 and a maximum of 6 m per second and the hollow bodies, while in contact with the coating roller, being driven at a circumferential speed that is 10 to 80% higher than the circumferential speed of the coating roller (2), and the hollow bodies (4) being driven at a higher circumferential differential speed at the start and at the end of the zone of contact with the coating roller (2) than in the middle of the zone of contact.

IPC 1-7

**B05D 1/28**; **B05C 1/02**

IPC 8 full level

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CPC (source: EP)

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Cited by

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