

Title (en)
MANUFACTURE OF PRINTING SLEEVES

Publication
EP 0009360 B2 19910320 (EN)

Application
EP 79301857 A 19790910

Priority
GB 7836626 A 19780913

Abstract (en)
[origin: EP0009360A1] An all metal printing sleeve having a slight internal taper for fitting to a similarly tapered printing roll, applying air under pressure to outlets intermediate the ends of the roll to expand the sleeve slightly. The sleeve has an inner metal layer (41), e.g. of copper or zinc, and an outer electroplated metal layer (42), e.g. of copper. The inner layer may be sprayed in molten form onto a forming mandrel (38) having a slight taper and provided with a release coating (39). The sleeve may be removed from the forming mandrel by applying air under pressure to outlet holes (22) in the mandrel. A sprayed-on first layer may be transferred from the forming mandrel to a plating mandrel by heating the sleeve to expand it slightly.

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IPC 8 full level
B41C 1/18 (2006.01); **B41N 1/20** (2006.01)

CPC (source: EP)
B41C 1/182 (2013.01); **B41N 1/20** (2013.01)

Cited by
NL1024430C2; US4812219A; EP0386316A1; EP0196443A3; DE10345562B4; EP0836928A1; EP0092285A1; US6158340A; US6401614B1; EP0554542A1; US5379693A; US7322917B2; US7357892B2; WO2005030487A1; WO03045680A1; WO2015161278A1; WO03053712A1; WO9964250A1; US6173496B1; US6832547B2; WO9733759A1

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