

Title (en)
DRAWING DEVICE

Publication
EP 0364776 A3 19911227 (DE)

Application
EP 89117867 A 19890927

Priority
DE 3835364 A 19881015

Abstract (en)
[origin: EP0364776A2] A drawing device having a plate-shaped drawing base in the form of a drawing board (1) and a straightedge element in the form of a drawing rail (10) has a length-measuring device which has a sensing device (20), mounted on the drawing rail and having two magnetic-field sensors, and also a strip (7) which is provided on the drawing board (1), is made of a material alternately magnetised positively and negatively in the longitudinal direction and is adjacent to the sensing device (20). The two magnetic-field sensors of the sensing device (20) lie side-by-side in the direction of the longitudinal extent of the strip (7) and at the same distance from the bearing plane of the drawing rail (10). They are in each case arranged in a branch of a Wheatstone-bridge circuit. <IMAGE>

IPC 1-7
B43L 5/00; **B43L 13/02**

IPC 8 full level
B43L 13/00 (2006.01); **B43L 5/00** (2006.01); **G01D 5/245** (2006.01)

CPC (source: EP)
B43L 5/005 (2013.01)

Citation (search report)
• [A] EP 0155391 A1 19850925 - DUERRWAECHTER E DR DODUCO [DE]
• [A] DE 3314344 A1 19841025 - HEBEL GMBH & CO W [DE]
• [A] WO 8705863 A1 19871008 - FRAZER DESIGN CONSULTANTS LTD [GB]
• [AD] DE 3027931 A1 19810219 - LOS ANGELES SCIENT INSTR
• [AD] DE 2915422 A1 19801030 - KUHLMANN PRAEZISIONSMECH

Designated contracting state (EPC)
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