

Title (en)
Improvements in or relating to methods and apparatus for supporting tubular posts.

Title (de)
Verfahren und Vorrichtung zur Halterung von rohrförmigen Pfosten.

Title (fr)
Procédé et dispositif pour supporter des poteaux tubulaires.

Publication
EP 0146401 A2 19850626 (EN)

Application
EP 84308857 A 19841218

Priority
GB 8333854 A 19831220

Abstract (en)
Disclosed is a method of supporting a road traffic sign post (20) in which a lower sleeve portion (22) of the post (20) is embedded in the ground and secured therein by concrete (23), an interference fit tubular adaptor (1, 11) is driven into the sleeve (22) to provide a predetermined length of adaptor extending from the sleeve and the upper post portion (21) driven into the projecting portion (3, 13) of the adaptor (1, 11) so that the upper end of the sleeve and lower end of the post are in an abutting relationship. The adaptor (1, 11) is required to be weaker than the upper portion (21) of the post (20) in order that it will fracture or bend along a line between the abutting ends of the upper portion (21) and sleeve (20) in event of being hit, by for example, a car. The adaptor (1, 11) may have an outwardly directed flange (4, 14) to determine the extent of penetration into the sleeve (22) and post (21), and outwardly directed chevrons (15, 16) at the ends to provide <<lead-in>> portions. The impact strength of the adaptor (1, 11) is predetermined by controlling its wall thickness or providing lines of weakness such as a groove or lines of holes (7).

IPC 1-7
E01F 9/01

IPC 8 full level
E01F 9/018 (2006.01)

CPC (source: EP)
E01F 9/635 (2016.02)

Cited by
ITBO20090242A1; FR2727446A1; NL1005588C2; FR2654163A1; EP2400060A1; EP2581495A2; FR3114601A1

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