

Title (en)
Small extendible antenna for mobile terminals

Title (de)
Kleine ausziehbare Antenne für mobile Endgeräte

Title (fr)
Petite antenne extensible pour terminaux mobiles

Publication
EP 0986131 A3 20000405 (EN)

Application
EP 99118205 A 19990913

Priority
KR 19980037517 A 19980911

Abstract (en)
[origin: EP0986131A2] There is provided a small extendible antenna in a transceiver. An antenna housing is installed on the body housing, a helical antenna is installed inside the antenna housing, and an extendible rod antenna has a whip portion for acting as an effective antenna in an extended state, a conductive core wire installed inside the whip portion at a lower end thereof, and a metal pipe connected to the lower end of the whip portion. The conductive core wire is extended from and retracted into the metal pipe. <IMAGE> <IMAGE>

IPC 1-7
H01Q 1/24

IPC 8 full level
H01Q 1/08 (2006.01); **H01Q 1/10** (2006.01); **H01Q 1/24** (2006.01)

CPC (source: EP KR)
H01Q 1/08 (2013.01 - KR); **H01Q 1/244** (2013.01 - EP)

Citation (search report)

- [A] EP 0372720 A1 19900613 - TOSHIBA KK [JP]
- [A] EP 0855759 A2 19980729 - LK PRODUCTS OY [FI]
- [A] EP 0609103 A1 19940803 - NEC CORP [JP]
- [A] FR 2730094 A1 19960802 - SAMSUNG ELECTRONICS CO LTD [KR]

Cited by
AU767907B2; GB2380612A; GB2380612B; US6927744B2; US6756943B2

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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DOCDB simple family (application)
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