

Title (en)  
A stick

Title (de)  
Stock

Title (fr)  
Canne

Publication  
**EP 0947146 A2 19991006 (EN)**

Application  
**EP 99302505 A 19990330**

Priority  
GB 9807057 A 19980401

Abstract (en)  
The invention provides a stick which comprises a rod (11) with a spike for engaging packed snow, ice or loose ground, a serial series of tubes (14,16,18) secured together by sleeves (17) and a handle portion (19). The tubes (14,16,18) and the handle include a light source (15), a power supply therefore and means (17) for controlling the energisation of the light source. <IMAGE>

IPC 1-7  
**A45B 3/04; F21V 33/00**

IPC 8 full level  
**A45B 3/00** (2006.01); **A45B 3/04** (2006.01); **A45B 7/00** (2006.01); **A45B 9/00** (2006.01); **A63C 11/22** (2006.01); **F21V 33/00** (2006.01)

CPC (source: EP)  
**A45B 3/04** (2013.01); **A45B 9/00** (2013.01); **A63C 11/221** (2013.01); **F21V 33/008** (2013.01); **A63C 2203/14** (2013.01)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 0947146 A2 19991006; EP 0947146 A3 19991208**; GB 9807057 D0 19980603; JP H11318525 A 19991124

DOCDB simple family (application)  
**EP 99302505 A 19990330**; GB 9807057 A 19980401; JP 9471699 A 19990401