

Title (en)
TREE SURVEYING

Title (de)
BAUMVERMESSUNG

Title (fr)
INSPECTION D'ARBRES

Publication
EP 2135194 A2 20091223 (EN)

Application
EP 08719886 A 20080327

Priority

- IE 2008000028 W 20080327
- IE 20070213 A 20070327

Abstract (en)
[origin: WO2008117263A2] A tree surveying system comprises a computer and a laser scanner. There is laser scanning to generate 3D scan files (2) and the processor detects and extracts (3) circle fits. Stem files (4) generated from scanning with different origins are combined (5) to provide enhanced stem data. Tree stem curvature is automatically generated by tracking the stem centre points at a number of levels above ground as defined by a digital terrain model. The enhanced stem data is combined with aerial data (6) determined by aerial laser scanning, to provide forest-level stem data (7), which is processed to generate cross-cut data and instructions (10).

IPC 8 full level
G06V 20/13 (2022.01)

CPC (source: EP US)
G06V 20/10 (2022.01 - EP US); **G06V 20/13** (2022.01 - EP US)

Citation (search report)
See references of WO 2008117263A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008117263 A2 20081002; WO 2008117263 A3 20090326; EP 2135194 A2 20091223; IE 20080223 A1 20081224

DOCDB simple family (application)
IE 2008000028 W 20080327; EP 08719886 A 20080327; IE 20080223 A 20080327