

Title (en)
BRIDGE INSPECTION SYSTEM

Title (de)
VORRICHTUNG ZUR BRÜCKENINSPEKTION

Title (fr)
DISPOSITIF DE CONTROLE DES PONTS

Publication
EP 0865539 A1 19980923 (DE)

Application
EP 96943873 A 19961206

Priority
• DE 9602336 W 19961206
• DE 19545707 A 19951207

Abstract (en)
[origin: WO9720988A1] A bridge inspection system is designed specifically for moving along the underside of bridges (1) and comprises the following: a chassis (2) capable of travelling along the length of the bridge; a frame (3) mounted on the chassis (2) for gripping around a bridge rail (4), sound-proofing wall or the like; a support device (5) which can pivot and rotate on the frame (3) and can be laid against the bridge (1); and a lifting tower (6) which can be hung into or onto the chassis (2) or frame (3), said tower having an adjoining working platform (7). The system is intended for use on bridges (1) with rails (4), sound-proofing walls etc. of differing heights. It is based on a safe yet simple design such that the frame (3) is telescopically height-adjustable at least in the outer region.

IPC 1-7
E01D 19/10

IPC 8 full level
E01D 19/10 (2006.01)

CPC (source: EP)
E01D 19/106 (2013.01)

Cited by
CN102433835A; CN105200917A; CN105133490A; CN105951594A; EP4368778A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
WO 9720988 A1 19970612; AT E186351 T1 19991115; AU 1365197 A 19970627; DE 19681064 D2 19981126; DE 59603598 D1 19991209; EP 0865539 A1 19980923; EP 0865539 B1 19991103

DOCDB simple family (application)
DE 9602336 W 19961206; AT 96943873 T 19961206; AU 1365197 A 19961206; DE 19681064 T 19961206; DE 59603598 T 19961206; EP 96943873 A 19961206