

Title (en)  
DEVICE FOR WARNING GANGS

Publication  
**EP 0286627 A3 19890906 (DE)**

Application  
**EP 88890074 A 19880324**

Priority  
AT 84587 A 19870407

Abstract (en)  
[origin: EP0286627A2] Device for warning work gangs, in which control instructions are transmitted from the control unit circuit (3) as a work gang warning to an external system (2) on the work site side by means of an internal system (1) on the control unit side and the safety station transmits an acknowledgement from the external system to the internal system after the safety measures have been carried out on the work site. The worker gang is protected in a manner which is secure in terms of signalling technology by the exit or blocking signal (30) controlled by the internal system (1). A control instruction, initiated by the station master, for the exit or blocking signal (30), is only triggered by the acknowledgement of the safety station. <IMAGE>

IPC 1-7  
**B61L 23/06**

IPC 8 full level  
**B61L 23/06** (2006.01)

CPC (source: EP)  
**B61L 23/06** (2013.01)

Citation (search report)  
[A] CH 507119 A 19710515 - SCHWEIZER RUDOLF EL ING TECH H [CH]

Cited by  
NL1024795C2; US5682150A; EP1308366A1; GB2287818A; DE4123960C1; FR2879550A1; EP1674370A1; FR2773759A1; WO2005047074A1

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

DOCDB simple family (publication)  
**EP 0286627 A2 19881012; EP 0286627 A3 19890906; EP 0286627 B1 19930127**; AT 391299 B 19900910; AT A84587 A 19900315; AT E85008 T1 19930215; DE 3877797 D1 19930311; ES 2039699 T3 19931001; GR 3007273 T3 19930730

DOCDB simple family (application)  
**EP 88890074 A 19880324**; AT 84587 A 19870407; AT 88890074 T 19880324; DE 3877797 T 19880324; ES 88890074 T 19880324; GR 930400494 T 19930309