

Title (en)  
APPARATUS FOR THE CONNECTION OF A SNOW PLOW TO A VEHICLE

Publication  
**EP 0362837 A3 19900516 (DE)**

Application  
**EP 89118452 A 19891005**

Priority  
CH 372588 A 19881006

Abstract (en)  
[origin: EP0362837A2] The apparatus for the connection of a snow plough to a vehicle comprises a supporting element (1), on which a parallel mechanism, known per se, with a hydraulic lifting and lowering cylinder (11) and a hydraulic changeover cylinder (12) are articulated. These cylinders engage on a horizontal beam (21) of a frame (2). Attached to the frame (2) is a peg (23) with a spherical head which engages in a guide connected to the plough share (4). The actual connection of the plough share is effected by means of flexible elements (3). This construction has the advantage that it is simple and nevertheless allows the plough share to adjust itself within certain limits to the camber of the road to be cleared.  
<IMAGE>

IPC 1-7  
**E01H 5/06**

IPC 8 full level  
**E01H 5/06** (2006.01)

CPC (source: EP)  
**E01H 5/06** (2013.01)

Citation (search report)  
• [A] DE 2515455 A1 19761021 - REISSINGER GOTTFRIED DR  
• [A] CH 479778 A 19691015 - BEILHACK MASCHF MARTIN [DE]  
• [A] EP 0046214 A2 19820224 - SCHMIDT ALFRED ING GMBH [DE]  
• [A] EP 0104302 A1 19840404 - KAESBOHRER FAHRZEUG KARL [DE]  
• [A] EP 0111882 A2 19840627 - SCHMIDT ALFRED ING GMBH [DE]

Cited by  
EP1177970A3; CN111364407A; EP0467310A1; CN114457745A; AT525811A4; AT525811B1; EP4283047A1; EP1050626A2

Designated contracting state (EPC)  
AT CH DE FR IT LI

DOCDB simple family (publication)  
**EP 0362837 A2 19900411; EP 0362837 A3 19900516**; DE 3932944 A1 19900412; DE 8915559 U1 19901031

DOCDB simple family (application)  
**EP 89118452 A 19891005**; DE 3932944 A 19891003; DE 8915559 U 19891005