

Title (en)  
DEVICE FOR A PORT RAMP HAVING A PONTOON FLOAT

Publication  
**EP 0245227 A3 19890125 (EN)**

Application  
**EP 87850148 A 19870430**

Priority  
SE 8602054 A 19860505

Abstract (en)  
[origin: EP0245227A2] A port ramp (11) having a pontoon float (15), and forming a connecting path between a roll-on/roll-off ship (18) and a harbour installation (10) being subjected to variations in water level. A ramp bridge (11a) is vertically pivotably connected to the edge of the quay and to the pontoon float (15) respectively. Damping means (19) are mounted between the ramp bridge and the pontoon float, in order to slow down the speed of pivot angle variations between both said units, so that these together form an interconnected, rigid unit in relation to the load produced by vehicles intermittently moving over the pontoon float, as well as independently pivotable units in relation to the action of variations in water level, e.g. caused by the tides.

IPC 1-7  
**E01D 15/14**

IPC 8 full level  
**E01D 15/24** (2006.01)

CPC (source: EP)  
**E01D 15/24** (2013.01)

Citation (search report)  
• [Y] FR 2499499 A1 19820813 - GOEPPNER KAISERSLAUTERN EISEN [DE]  
• [Y] FR 2211360 A1 19740719 - COUILLANDEAU GERARD [FR]  
• [A] GB 2099083 A 19821201 - GOEPPNER KAISERSLAUTERN EISEN  
• [A] DE 2900861 A1 19800717 - SALZGITTER AG  
• [A] DE 1041070 B 19581016 - EISEN & STAHLIND AG  
• [A] DE 1947232 A1 19710401 - ROESSNER HANS DIPL ING  
• [A] CH 388789 A 19650228 - KREBS FRITZ [CH]

Cited by  
CN107284607A; ITGE20100022A1; EP0685601A1; NL9400905A; GB2471548A; GB2471548B; US6176192B1; US7461611B2; US6536363B1; WO9218699A1; WO8911564A1; WO9832649A1; WO0103998A1; WO8807605A1

Designated contracting state (EPC)  
BE DE FR GB NL

DOCDB simple family (publication)  
**EP 0245227 A2 19871111; EP 0245227 A3 19890125; SE 456338 B 19880926; SE 8602054 D0 19860505; SE 8602054 L 19871106**

DOCDB simple family (application)  
**EP 87850148 A 19870430; SE 8602054 A 19860505**