

Title (en)
SMOOTH TRANSITION DOCK LEVELER LIP

Title (de)
LADEBRÜCKENLIPPE MIT SANFTEM ÜBERGANG

Title (fr)
LÈVRE DE PLATE-FORME DE CHARGEMENT ET DE DÉCHARGEMENT À TRANSITION RÉGULIÈRE

Publication
EP 2114806 A2 20091111 (EN)

Application
EP 08713421 A 20080102

Priority
• US 2008050030 W 20080102
• US 67074207 A 20070202

Abstract (en)
[origin: US2008184503A1] A dock leveler includes a vehicle-engaging pivotal lip extending from the front end of a pivotal deck, wherein the lip has one or more unique features that provide a smooth transition for forklifts traveling between the lip and a trailer bed upon which the lip is resting. The smooth transition minimizes jolting and vibration of the forklift and its driver as the forklift wheels pass over the leading edge of the lip. The special features of the lip may include one or more of the following: a curved traffic-bearing surface terminating at a sharp or blunt leading edge, a traffic-bearing surface that includes both flat and curved sections, a multifaceted traffic-bearing surface that approximates a curved surface, a rubber or plastic shock absorbing element, an articulated nose piece at the lip's leading edge, and a main lip plate that is coplanar with the deck's traffic surface (i.e., zero crown angle).

IPC 8 full level
B65G 69/28 (2006.01)

CPC (source: EP US)
B65G 69/2823 (2013.01 - EP US); **B65G 69/2841** (2013.01 - EP US); **B65G 69/287** (2013.01 - EP US)

Citation (search report)
See references of WO 2008097667A2

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