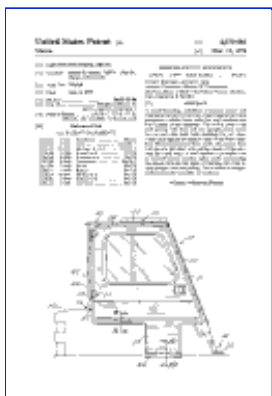


[About this patent](#)[Read this patent](#)

Cab for industrial truck

Robert P. Martin

[Read this patent](#)[Download PDF](#)[View patent at USPTO](#)[Abstract](#) | [Drawing](#) | [Description](#) | [Claims](#)

Abstract

A quick-mounting combined overhead guard and weatherproof cab for the body of an industrial lift truck comprises a tubular frame with four roof members and four upright corner members. The roof is closed with steel plating. The front and rear upright corner members at each side form jamb members for cab doors which close against the exterior sides of the frame members. The front and rear faces of the cab and the door bottoms are provided with sealing means cooperative with the truck body. A roof window is provided with an array of cut-out window lights in the steel plating, the spaces between the lights comprising bars that remain integral with the plating. The window is transparently covered by openable cover means.

Patent number: 4079985**Filing date:** Mar 3, 1975**Issue date:** Mar 21, 1978**Inventor:** Robert P. Martin**Primary Examiner:** Donald W. Underwood

U.S. Classification

[296/28C](#); [296/137R](#); [98/214](#); [98/215](#); 214DIG7

International Classification

B62D 3306

Claims

What is claimed is:

1. In combination, an industrial lift truck equipped to accept optional front and rear roll bars at mounting brackets on the truck and a quick-mounting combined overhead guard and weatherproof cab removably mounted on the body of the lift truck including a frame of elongated steel structural elements comprising four generally horizontal roof members defining a horizontal rectangular roof face and four generally upright corner members defining front, side and rear faces, steel plating covering the roof face, the corner members of each side face lying in a generally vertical plane extending from the front to the rear of the cab, cab closure means including window means covering the front and rear faces and having lower edges terminating above the bottoms of the associated corner members, face-to-body sealing means at the lower edges of the cab closure means at the rear and front faces in direct sealing engagement with adjacent rear and front areas of the truck body, rigid side doors each hingeable on a corner frame member associated with one of the side faces for closing the face, resilient door sealing means extending around the inner sides of the door adjacent the edges thereof and positioned to engage the corner and roof frame members associated with the door, the truck body including generally vertical surfaces at its sides extending below the seal engaged front and rear truck body areas and surrounding zones of access and egress defined by said doors, the doors having lower edges generally below the level of the lower edges of the front and rear cab closure faces, and resilient face-to-body sealing means on the lower edge of each door arranged to directly engage against said generally vertical surface areas of the adjacent side of the truck body, said resilient door sealing means and resilient face-to-body sealing means being in a compressed condition with respect to the adjacent cab and body surfaces engaged thereby when their respective door is closed, the side faces with the exception of their respective doors being substantially free of cab structure in the area of the lower door edges whereby the adjacent side areas of the truck body are substantially unobstructed by the cab when the doors and associated face-to-body sealing means are displaced when opened or removed from their respective faces.

Search within this patent

Search

Citations

Patent Number	Title	Issue date
2372164	(unknown)	Mar 1945
2806618	(unknown)	Sep 1957
2911232	(unknown)	Nov 1959
2926040	(unknown)	Feb 1960
3206245	(unknown)	Sep 1965
3397008	(unknown)	Aug 1968
3455599	(unknown)	Jul 1969
3520571	(unknown)	Jul 1970
3610677	(unknown)	Oct 1971
3866942	(unknown)	Feb 1975
3954150	Vehicle roll protective structure	May 4, 1976

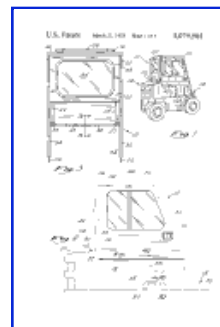
Referenced by

Patent Number	Title	Issue date
4184712	Enclosure mechanism for roll over protective structure	Jan 22, 1980
4221274	Lift truck cab with movable back wall portion	Sep 9, 1980
D259424	Vehicle cab	Jun 2, 1981
4592269	Static vent device	Jun 3, 1986
4619479	Lift truck cab	Oct 28, 1986
4702516	Cab construction	Oct 27, 1987
4987522	Illumination device and roof member for a forklift	Jan 22, 1991
5468183	Clean air operator enclosure	Nov 21, 1995

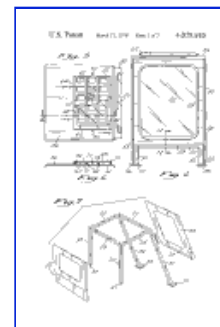
2. In a cab embodying an overhead guard, a fenestrated protective roof comprising steel plating supported by the framing of the cab, a plurality of openings in regular array cut through the steel plating over a portion of the steel plating and forming the lights of a roof window, said lights being spaced from each other by uncut portions of the steel plating which form bars integral with the uncut steel plating at each side of the window, a window frame supported on and upstanding from the steel plating and surrounding said portion of the steel plating, and an openable window cover surrounding and covering said window frame, at least the majority of the area of the window cover being transparent.

3. In a cab embodying an overhead guard, a fenestrated protective roof comprising steel plating supported by the framing of the cab, a plurality of openings in regular array cut through the steel plating over a portion of the steel plating and forming the lights of a roof window, said lights being spaced from each other by uncut portions of the steel plating which form bars integral with the uncut steel plating at each side of the window, a window frame supported on and upstanding from the steel plating and surrounding said portion of the steel plating, a window cover on said frame, and channel means welded to the top sides of at least some of said bars in non-interfering relationship with said window lights and extending from side to side of said window below said window cover.

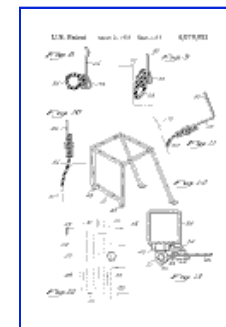
Drawings



[Page 2](#)



[Page 3](#)



[Page 4](#)

[Google Home](#) - [About Google](#) - [About Google Patent Search](#)

©2009 Google

5820199	Frame assembly for an operator's compartment	Oct 13, 1998
5951098	Safety door for right-hand stand-up truck	Sep 14, 1999
6155632	Construction machine	Dec 5, 2000
6220656	Cab with improved overhead vision	Apr 24, 2001
6322133	Falling object protective apparatus for an industrial vehicle	Nov 27, 2001
6360672	Locomotive with operator cabin rear impact protection	Mar 26, 2002
6561572	Cab enclosure construction	May 13, 2003
6808038	Retaining device for utility vehicles	Oct 26, 2004
7252325	Work vehicle cab screen	Aug 7, 2007