

Title (en)  
CAB PROTECTION STRUCTURE FOR CONSTRUCTION MACHINERY

Title (de)  
KABINENSCHUTZSTRUKTUR FÜR EINE BAUMASCHINE

Title (fr)  
STRUCTURE DE PROTECTION DE CABINE POUR MACHINE DE CONSTRUCTION

Publication  
**EP 2423393 A1 20120229 (EN)**

Application  
**EP 10766759 A 20100127**

Priority  
• JP 2010000448 W 20100127  
• JP 2009101612 A 20090420

Abstract (en)  
Provided is a protection device that, without being large in size, can reliably protect the cab of a hydraulic shovel, said shovel being provided with a cab on one side of a boom that is mounted on the shovel body so as to be able to swing freely up and down, in the case that the shovel rolls over toward the cab side. The top surface (4a) of the boom (4) on the hydraulic shovel (1) is provided with a protective member (10) positioned so that viewed from the side, the protective member and the boom (4) cover the front support area (5a) of the cab (5), at least when the boom (4) is lowered.

IPC 8 full level  
**E02F 9/24** (2006.01); **E02F 3/38** (2006.01); **E02F 9/14** (2006.01); **E02F 9/16** (2006.01)

CPC (source: EP)  
**E02F 9/163** (2013.01); **E02F 9/24** (2013.01)

Cited by  
US11536005B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2423393 A1 20120229**; **EP 2423393 A4 20121107**; JP 2010248846 A 20101104; WO 2010122696 A1 20101028

DOCDB simple family (application)  
**EP 10766759 A 20100127**; JP 2009101612 A 20090420; JP 2010000448 W 20100127