

Title (en)
UPPER ROTATING BODY FOR CONSTRUCTION MACHINE

Title (de)
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Title (fr)
CORPS ROTATIF SUPÉRIEUR POUR ENGIN DE CHANTIER

Publication
EP 3415459 A4 20190904 (EN)

Application
EP 16889950 A 20161215

Priority
• JP 2016025020 A 20160212
• JP 2016087334 W 20161215

Abstract (en)
[origin: EP3415459A1] An upper rotating body for a construction machine is configured so as to suppress noise within a cab. An upper rotating body (1A) is provided with a duct structure (40). The duct structure (40) is provided with a near-cab guard opening (51) and a right-side lateral plate opening (59). The near-cab guard opening (51) and the right-side lateral plate opening (59) are openings respectively formed in a near-cab guard (20) and a right-side lateral plate (13a). The duct structure (40) guides an advance of sound from the near-cab guard (20) to a center section (60).

IPC 8 full level
B66C 13/52 (2006.01); **E02F 9/00** (2006.01); **E02F 9/08** (2006.01)

CPC (source: EP)
B66C 13/52 (2013.01); **E02F 9/00** (2013.01); **E02F 9/08** (2013.01); **E02F 9/0866** (2013.01)

Citation (search report)
• [X] JP 2013230907 A 20131114 - KOBE STEEL LTD, et al
• [A] EP 1637710 A1 20060322 - CATERPILLAR MITSUBISHI LTD [JP]
• [A] EP 1571046 A1 20050907 - KOBELCO CONSTR MACHINERY LTD [JP]
• See references of WO 2017138249A1

Designated contracting state (EPC)
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