

Title (en)

EARTHWORK BAG BODY AND EARTHWORK STRUCTURE

Title (de)

ERDARBEITSBEUTELKÖRPER UND ERDBARBEITSSTRUKTUR

Title (fr)

CORPS DE SAC DE TERRASSEMENT ET STRUCTURE DE TERRASSEMENT

Publication

EP 3951064 A4 20220601 (EN)

Application

EP 20842971 A 20200715

Priority

- JP 2019133659 A 20190719
- JP 2020027494 W 20200715

Abstract (en)

[origin: EP3951064A1] [Problems to be solved] A bag body for civil engineering work and a structure body for civil engineering work are provided, by which a problem caused by filler material to damage the bag body and a problem of a mesh of the bag body caused to be torn by lifting a lifting rope, could be solved simultaneously.[Means for solving problems] A bag body for civil engineering work includes: a bag body 21 having a mesh shape; a mouth-narrowing rope so inserted through a mesh in proximity to an opening of the bag body 21 as to be attached thereto; a lifting rope 27 of an endless structure so inserted through a mesh in a lower position with respect to the mouth-narrowing rope as to be attached thereto; and an intermediate-mouth narrowing rope 28 so inserted through a mesh in a lower position with respect to the lifting rope 27 as to be attached thereto, wherein the intermediate-mouth narrowing rope 28 is attached to a part of an unhousing portion 25 for not housing filler material 30 at an upper half of the bag body 21, and, when the lifting rope 27 is lifted, a constriction occurs at a part, of the unhousing portion 25, attached with the intermediate-mouth narrowing rope 28.

IPC 8 full level

E02B 3/04 (2006.01); **B65D 88/22** (2006.01); **B65D 90/56** (2006.01); **E02D 17/20** (2006.01); **E02D 29/02** (2006.01)

CPC (source: EP)

B65D 88/22 (2013.01); **B65D 90/56** (2013.01); **E02B 3/127** (2013.01); **E02D 17/20** (2013.01); **E02D 29/0208** (2013.01)

Citation (search report)

- [X1] WO 2018163303 A1 20180913 - MAEDA KOSEN CO LTD [JP]
- [X1] JP 2011174226 A 20110908 - MAEDA KOSEN CO LTD
- [X1] JP 2012131532 A 20120712 - NAKADA SANGYO KK
- [X1] US 6305876 B1 20011023 - YOSHINO MASATO [JP], et al
- See references of WO 2021015069A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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