

Title (en)
BUCKET

Title (de)
EIMER

Title (fr)
GODET

Publication
EP 3739128 A1 20201118 (EN)

Application
EP 20173090 A 20200506

Priority
KR 20190052929 A 20190507

Abstract (en)
The present disclosure relates to a bucket installed at a construction machine, the bucket including a back plate including a first planar portion relatively adjacent to an excavation target, a second planar portion disposed such that an intersection angle with respect to the first planar portion becomes a first set angle, a curved portion connecting one end portion of the first planar portion and one end portion of the second planar portion, and a third planar portion bent from another end portion of the second planar portion to extend therefrom and disposed such that an intersection angle with respect to the first planar portion becomes a second set angle that is less than the first set angle; and side plates respectively formed on opposite sides of the back plate so as to define a loading space, together with the back plate.

IPC 8 full level
E02F 3/14 (2006.01); **E02F 3/40** (2006.01)

CPC (source: CN EP KR)
E02F 3/40 (2013.01 - CN EP KR); **E02F 3/401** (2013.01 - CN); **E02F 9/2808** (2013.01 - KR)

Citation (search report)

- [XAI] EP 2990539 A1 20160302 - KOMATSU MFG CO LTD [JP]
- [XAI] US 2012301258 A1 20121129 - NAGATA TAKANORI [US], et al
- [A] KR 20070038325 A 20070410 - HYUN DAI HEAVY IND CO LTD [KR]

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3739128 A1 20201118; CN 111910698 A 20201110; CN 111910698 B 20220527; KR 20200128869 A 20201117

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