

Title (en)
GROUND COVERING MADE FROM MOULDED BLOCKS

Title (de)
ERDREICHABDECKUNG AUS FORMSTEINEN

Title (fr)
PAVAGE DE SOL CONSTITUÉ DE BLOCS MOULÉS

Publication
EP 2331752 A1 20110615 (DE)

Application
EP 09778500 A 20090912

Priority
• EP 2009006625 W 20090912
• DE 102008048757 A 20080924

Abstract (en)
[origin: WO2010034418A1] The invention relates to a ground covering made from moulded blocks (10, 40) made from concrete, in particular paving blocks or paving sheets, wherein the moulded blocks (10, 40) have a square shape with four corners (17, 18, 19, 20) between which four vertical lateral surfaces (13, 14, 15, 16) run and an upper side (11) and a lower side (12) and the moulded blocks (10, 40) are arranged adjacent to each other in rows (37, 38) and several adjacent rows (37, 38) form the ground covering (34) and the moulded blocks (10, 40) are arranged such that vertical joints (35, 36) are formed between lateral surfaces (13..16) of adjacent moulded blocks (10, 40) which may be filled with a joint filling material and the moulded blocks (10, 40) are arranged without offset with regard to each other to give a cross-shaped arrangement of the joints (35, 36) and the moulded blocks (10, 40) have toothing means, in particular spacers (21, 41, 45), on the vertical lateral surfaces (13..16) of the moulded blocks (10, 40) to achieve a connection between moulded blocks (10, 40) within the ground covering (34). According to the invention, the toothing means run in the region of the four corners (17...20) and each cross a corner (17..20), namely beginning on a lateral surface (13..16) running around the corner (17..20) into the region of an adjacent lateral surface (13..16), such that a toothing means of a moulded block (10, 40) engages with the toothing means of separate moulded block (10, 40) across a cross joint to give a horizontal connection.

IPC 8 full level
E01C 5/06 (2006.01)

CPC (source: EP)
E01C 5/06 (2013.01); **E01C 2201/02** (2013.01); **E01C 2201/12** (2013.01)

Citation (search report)
See references of WO 2010034418A1

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

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
DE 102008048757 A1 20100325; DK 2331752 T3 20150407; EP 2331752 A1 20110615; EP 2331752 B1 20141224;
WO 2010034418 A1 20100401

DOCDB simple family (application)
DE 102008048757 A 20080924; DK 09778500 T 20090912; EP 09778500 A 20090912; EP 2009006625 W 20090912