Title (en)
APPARATUS AND METHOD FOR ROUGHING SURFACE OF CONCRETE CASTING BLOCKS

Title (de)
VORRICHTUNG UND VERFAHREN ZUM GROBSCHLEIFEN VON GEGOSSENEN BETONSTEINEN

Title (fr)
DISPOSITIF ET PROCEDE DE DEGROSSISSAGE DE LA SURFACE DE BLOCS DE BETON COULE

Publication
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Application
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Abstract (en)
[origin: WO02096610A1] An apparatus (10, 10A, 10B, 10C, 10D) and method for roughing surfaces and edges (C') of concrete casted blocks (C), comprising a block support surface (12) having a plurality of surface sections (17, 18, 19, 20). A first (17, 18, 19) of the surface sections has a rear end (17R, 18R, 19R) thereof above an adjacent front end (18F, 19F, 20F) of a second (18, 19, 20) of the surface sections to create a ledge (L) for projecting a leading edge portion (C') of concrete blocks (C) conveyed over the first surface section (17, 18, 19). A first roughing device (30, 40, 50) has a plurality of impacting elements (34, 44, 54) thereon for roughing concrete blocks (C). The first roughing device (30, 40, 50) is disposed generally above the rear end (17R, 18R, 19R) of the first surface section (17, 18, 19) for abrading a projecting leading edge portion (C') of each concrete block (C) as they are conveyed over the rear end (17R, 18R, 19R). A conveyor (60) displaces concrete blocks (C) over the first (17, 18, 19) and second (18, 19, 20) surface sections, the blocks (C) being tilted when reaching a predetermined position over the ledge (L) to avoid being abraded by the roughing device (30, 40, 50).

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