

Title (en)

SECTION STEEL AND WALL BODY USING THE SECTION STEEL

Title (de)

PROFILSTAHL UND DEN PROFILSTAHLVERWENDENDER WANDKÖRPER

Title (fr)

PROFILE METALLIQUE ET MUR L'UTILISANT

Publication

**EP 1605102 A1 20051214 (EN)**

Application

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- JP 2003431714 A 20031226

Abstract (en)

[origin: WO2004083533A1] A section steel having excellent adhesion to concrete and a wall body allowed to reduce the wall thickness thereof, the section steel in H-shape comprising a plurality of projections on the inner surfaces thereof, wherein where the upper side width of the projections is  $b_2$ , the height of the projections is  $h$ , the pitch of the projections is  $P$  in a section vertical to the surfaces of the H-steel having the projections thereon, the requirements of  $P/h \leq 10$  AND  $P/B_2 \geq 4$  can be satisfied. The wall body using the H-steels as structural members is formed by vertically installing the plurality of H-steels in the longitudinal direction of the wall body with the flange outer surfaces thereof facing the wall surfaces of the wall body.

IPC 1-7

**E02D 5/04**

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CPC (source: EP KR US)

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**EP 1605102 A1 20051214**; **EP 1605102 A4 20080730**; CN 100439606 C 20081203; CN 1745219 A 20060308; JP 2005098059 A 20050414; JP 4278149 B2 20090610; KR 100752618 B1 20070829; KR 20050109991 A 20051122; TW 200500537 A 20050101; TW I271465 B 20070121; US 2006248840 A1 20061109; WO 2004083533 A1 20040930

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