

Title (en)
BEAM END WELD PREPARATION

Title (de)
SCHWEISSVORBEREITUNG FÜR EIN TRÄGERENDE

Title (fr)
PREPARATION DE SOUDURES AUX EXTREMITES DE POUTRES

Publication
EP 1740781 B1 20150225 (EN)

Application
EP 04750844 A 20040427

Priority
US 2004013139 W 20040427

Abstract (en)
[origin: WO2005108692A2] Preparation of a weld between a structural I-beam end and a beam-to-column attaching end component wherein no beam flange material is removed to participate in the creation of a weld trough. Instead, the space for a weld trough is created in the end component, and this trough is prepared with enough all-over length to establish run-on and run-off regions for molten weld material, which regions extend laterally outwardly from the opposite transverse ends of a flange. Full-section welds between a beam's flanges and the attaching end component are achieved without the need to use any run-on and run-off tabs, and also without the need to employ any traditionally-used backing bars.

IPC 8 full level
E04B 1/00 (2006.01); **E04B 1/24** (2006.01)

CPC (source: EP)
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