Title (en)
  BALCONY STRUCTURE AND METHOD FOR MANUFACTURING IT

Title (de)
  BALKONSTRUKTUR UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
  STRUCTURE DE BALCON ET SON PROCÉDÉ DE FABRICATION

Publication
  EP 1907641 A4 20080806 (EN)

Application
  EP 06764563 A 20060712

Priority
  • FI 2006050339 W 20060712
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Abstract (en)
  [origin: WO2007006872A1] The invention relates to a balcony structure (1) and a method for manufacturing the balcony
  structure (1). The balcony structure has at least a support structure (5 and/or 6), railing structures (3a, 3b, 4, 4a) and a self- supporting balcony slab (2), comprising a
  unit formed by at least a corrugated plate (10) of steel sheet mounted to be supported by steel support beams (14) and auxiliary reinforcement
  and concrete, which unit forms a connection plate of reinforced concrete after the concrete has set. The corrugated plate (10) is mounted in the
  longitudinal direction of the balcony, and the balcony slab (2) has load-bearing support beams (14), the corrugated plate (10) of the balcony slab (2)
  being fitted to abut to said support beams (14) at both ends.

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IPC 8 main group level
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CPC (source: EP FI)
  E04B 1/003 (2013.01 - EP FI); **E04B 5/40** (2013.01 - EP); E04B 2005/322 (2013.01 - EP)

Citation (search report)
  • [XY] DE 9409626 U1 19940811 - MEIER KURT [DE], et al
  • [Y] DE 9219014 U1 19971016 - WEINBERG HILARY [DE]
  • [A] DE 4423379 C1 19960222 - SUPINSKI RUEDIGER [DE], et al
  • [YA] US 3782057 A 19740101 - GROSS R
  • [A] DE 20213097 U1 20021128 - RETZLAFF DANIEL [DE]
  • See references of WO 2007006872A1

Designated contracting state (EPC)
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