

Title (en)
Barrier structures.

Title (de)
Wandstruktur.

Title (fr)
Structure pour parois.

Publication
EP 0437341 A2 19910717 (EN)

Application
EP 91300132 A 19910109

Priority
GB 9000553 A 19900110

Abstract (en)
A crowd control barrier comprising a wall (14), crush barrier (12,13), handrail, fence, etc. has one or more strain gauges (5,6,11) or other sensors (15,16,17) built in, to sense the force applied to the barrier due to crowd pressure. The outputs of the sensors are fed to a central monitoring station (7) where any increase in monitored force can provide a warning of potential danger. Manual or automatic opening or closing of gates can be effected, as a result of the warning, to ease the crowd pressure. <IMAGE>

IPC 1-7
G08B 21/00

IPC 8 full level
G08B 21/18 (2006.01)

CPC (source: EP)
G08B 21/182 (2013.01)

Cited by
DE102015209433B4; DE102015209433A1; US10914557B2; WO2016020476A1; WO2023147054A1

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