

Title (en)
A fire curtain installation.

Title (de)
Feuerhemmende Vorhangsanlage.

Title (fr)
Installation de rideau coupe-feu.

Publication
EP 0406493 A1 19910109 (EN)

Application
EP 89306919 A 19890707

Priority
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Abstract (en)
A fire curtain installation comprises a curtain (1) of flexible fire-proof material wound upon, and adapted to unwind under gravity from, a rotatable roller (3). A pneumatic cylinder (5) is rested within the roller (3) and its piston(4) is coupled to the roller (3) via a wire and pulley transmission so that movement of the piston (4) in relation to the cylinder (5) causes the roller (3) to rotate. A pneumatic valve (21) controls the supply of pressurised air from a pressurised air source (20) to the pneumatic cylinder (5), the curtain (1) being normally held in its retracted position by the supply of pressurised air. Control means, operable in response to the presence of fire, operate the valve means (21) to cut off the supply of pressurised air to the cylinder (5) and to exhaust pressurised air therefrom.

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A62C 2/10

IPC 8 full level
A62C 2/10 (2006.01)

CPC (source: EP)
A62C 2/10 (2013.01)

Citation (search report)
• [A] EP 0002542 A1 19790627 - JONCKHEERE GILBERT R
• [A] GB 2108839 A 19830525 - COOPER ANDREW PAUL
• [A] GB 882468 A 19611115 - ALAN ADAIR EMERY

Cited by
RU189156U1; EP1380321A1; GB2296658A; CN113964664A; EP0572200A1; US5158144A; CN109200504A; WO9402208A1; WO9735642A1

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